



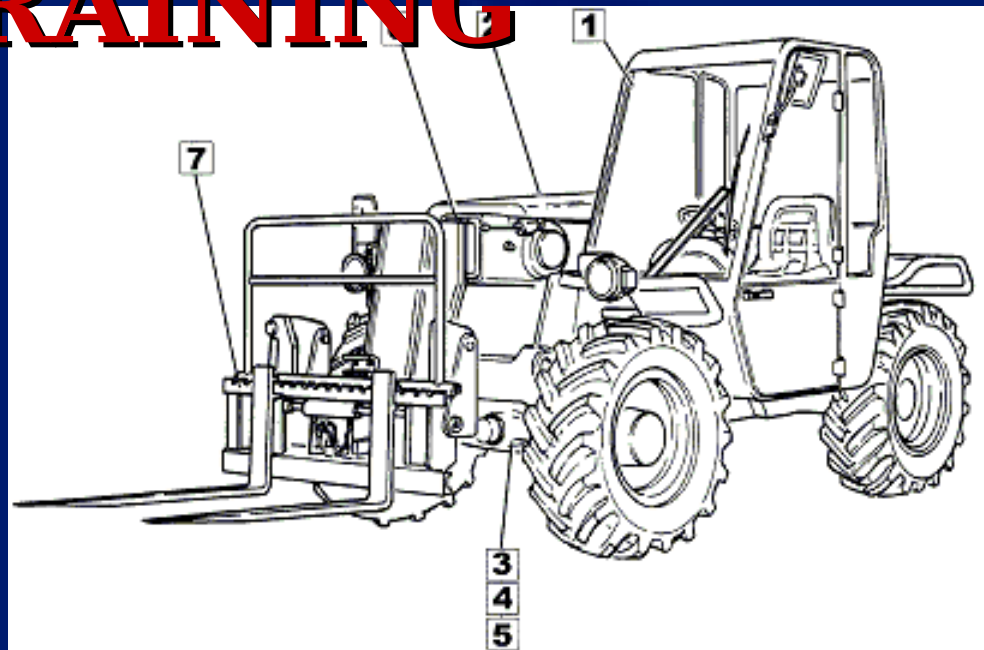
FT. LEONARDWOOD, MO

# ***TX51-19M***

## **LCRTF**

**L**IGHT **C**APABILITY **R**OUGH **T**ERRAIN **F**ORKLIFT

# OPERATOR TRAINING



# **Terminal Learning Objective:**

- a. 1. Provided a Light Capability Rough Terrain Forklift, TX51-19M (LCRTF) and a training area, with the aid of references, operate the tractor in support of engineer operations in accordance with TM-\_\_\_\_\_. (1345.2.14)

# Enabling Learning

## Objectives:

- ~~a. c. Provided a Light Capability Rough Terrain Forklift, FX51-19M (LCRTF) and 1004 (LCRTF) with the aids of without a the necessary tools, with the aid of references, and operation checks in accordance with TM-\_\_\_\_.~~
- ~~a. d. Provided a Light Capability Rough Terrain Forklift, FX51-19M (LCRTF) and necessary tools, with the aid of references, perform after operation checks in accordance with TM-\_\_\_\_. (1345.2.14d)~~
- a. d. Provided a Light Capability Rough Terrain Forklift, FX51-19M (LCRTF) and necessary tools, with the aid of references, perform after operation checks in accordance with TM-\_\_\_\_. (1345.2.14f)







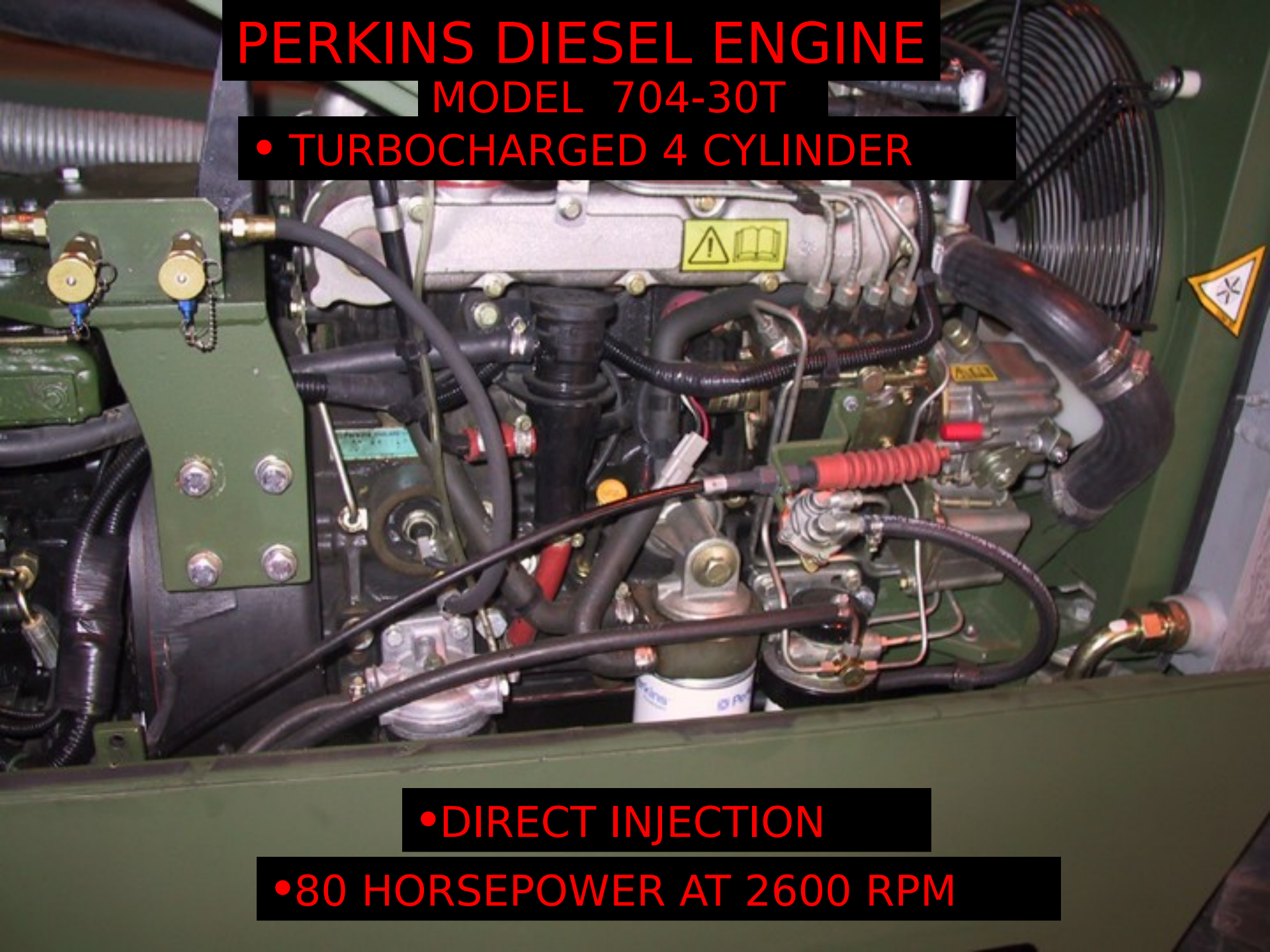




# PERKINS DIESEL ENGINE

MODEL 704-30T

- TURBOCHARGED 4 CYLINDER



- DIRECT INJECTION

- 80 HORSEPOWER AT 2600 RPM



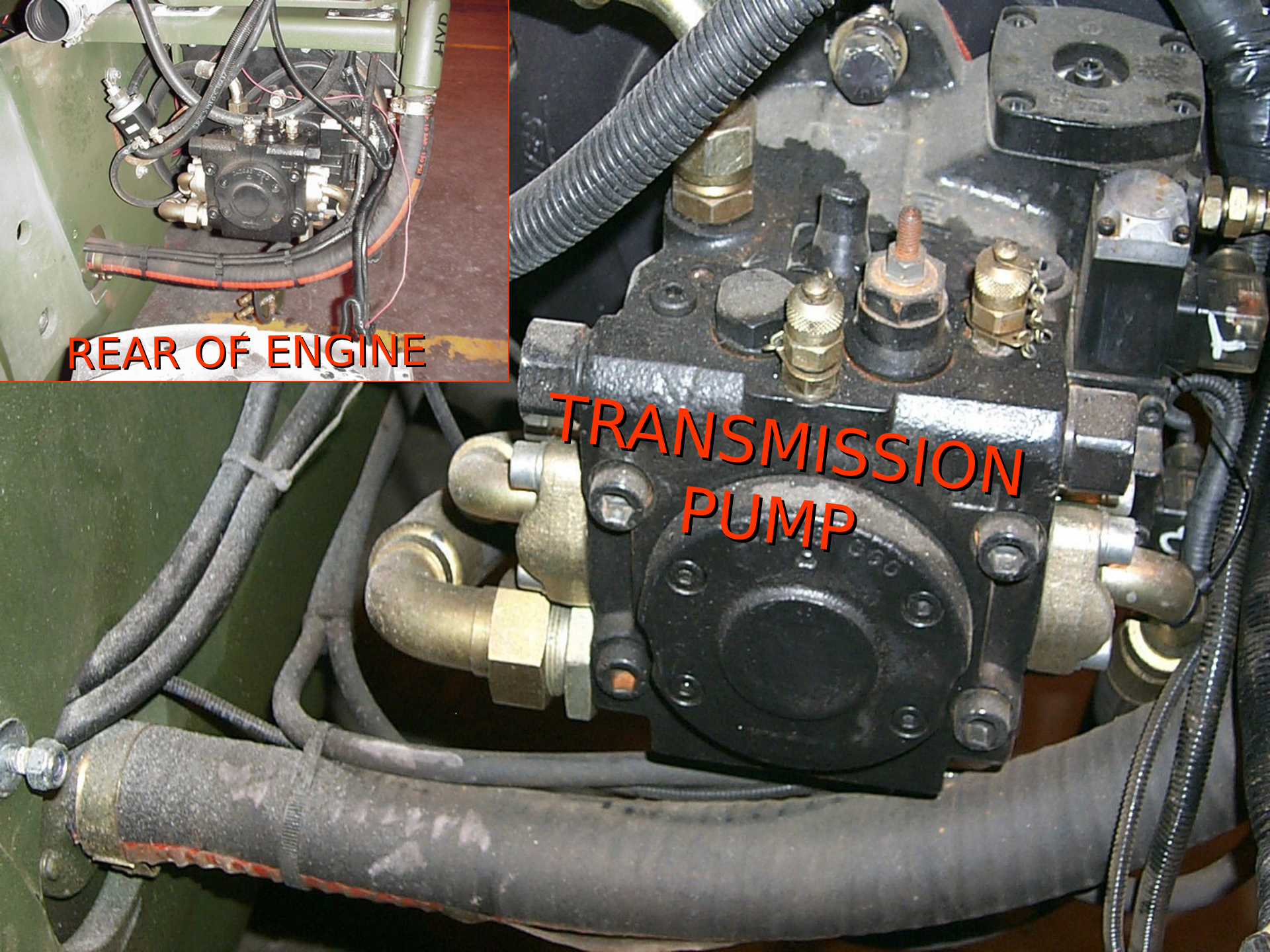
**TRANSMISSION  
MOTOR**

**ON FRONT AXLE**





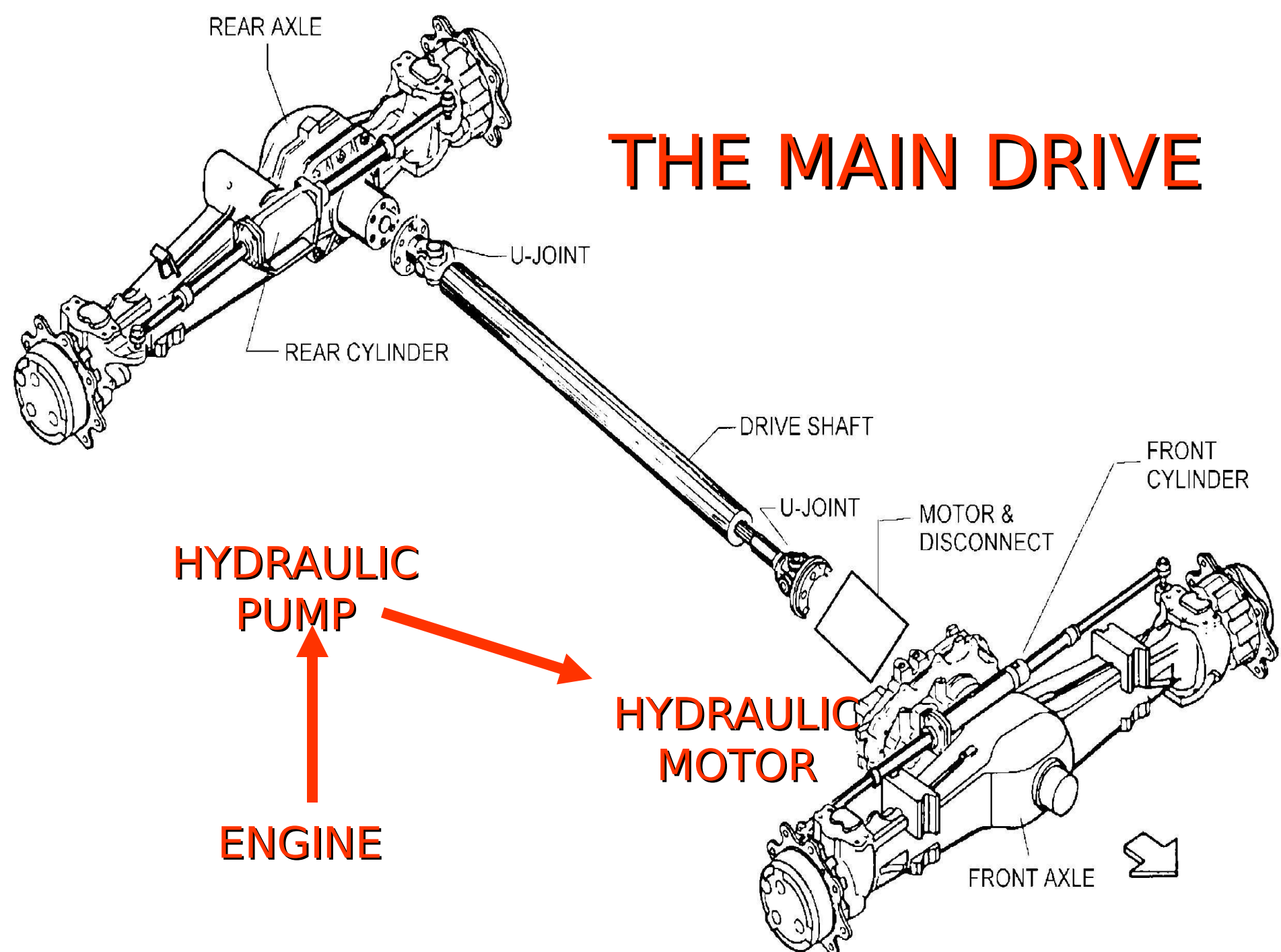
REAR OF ENGINE



TRANSMISSION  
PUMP



# THE MAIN DRIVE





# SPECS

- MAXIMUM SPEED MPH 20
- SAME SPEED FORWARD OR REVERSE MOTION
- FULL TIME 4-WHEEL DRIVE
- MAX. SLOPE WITH FULL LOAD 45%
- FORDING DEPTH OF 36 INCHES



1S

W15

GROSS WEIGHT  
13450LBS  
07500



2ND BOOM SECTION



BOOM BASE SECTION







# ELECTRIC SYSTEM

- VOLTAGE 24V NEGATIVE GROUND

DISCONNECT  
SWITCH

NATO PLUG  
FOR JUMP START





A green metal control box, likely for a solar system, featuring a battery disconnect switch, a solar charger controller, and a slave receptacle.

BATTERY DISCONNECT

SOLARGIZER

SLAVE RECEPTACLE



# STEERING MODES



2 WHEEL



4 WHEEL



CRAB



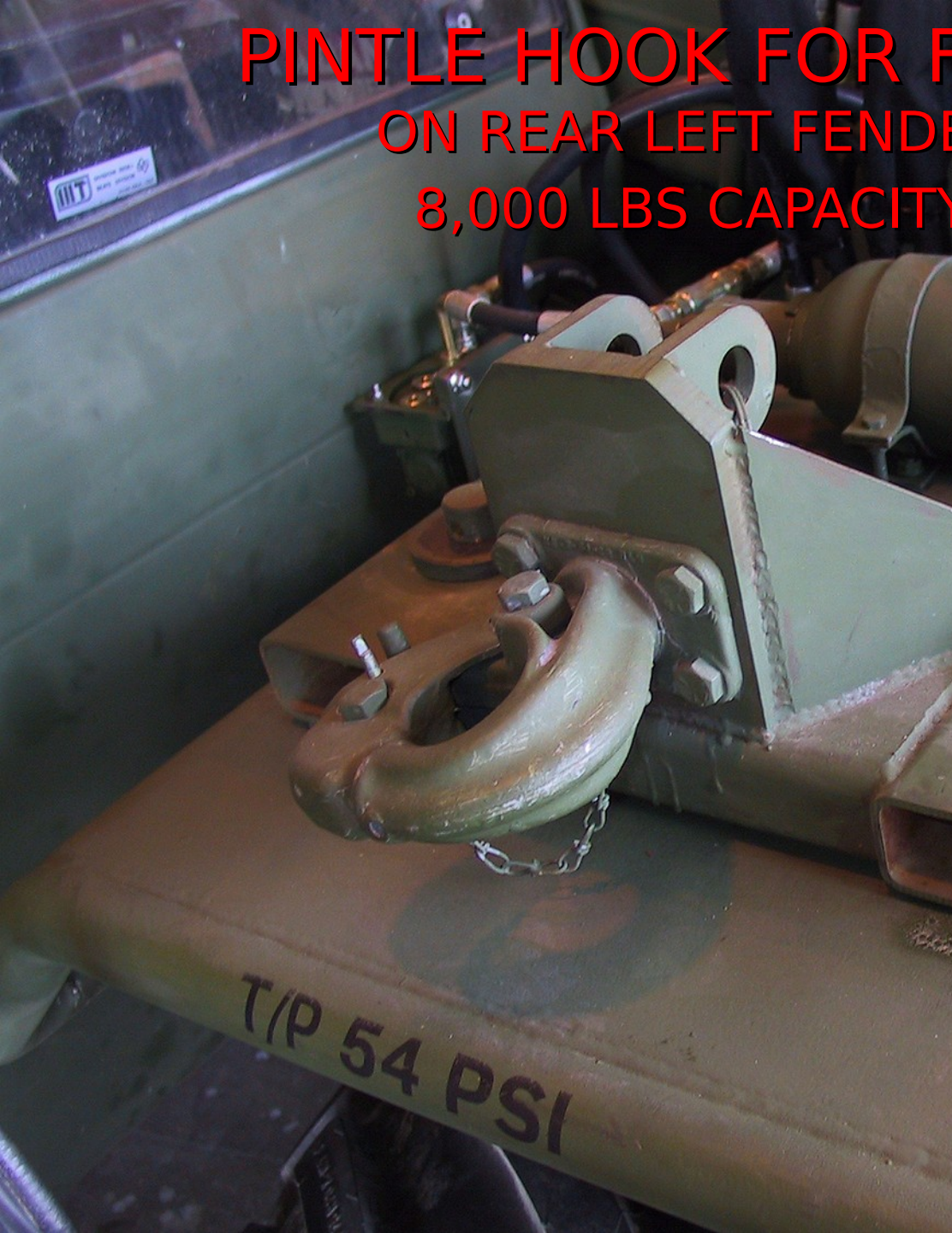


## OPERATORS CAB

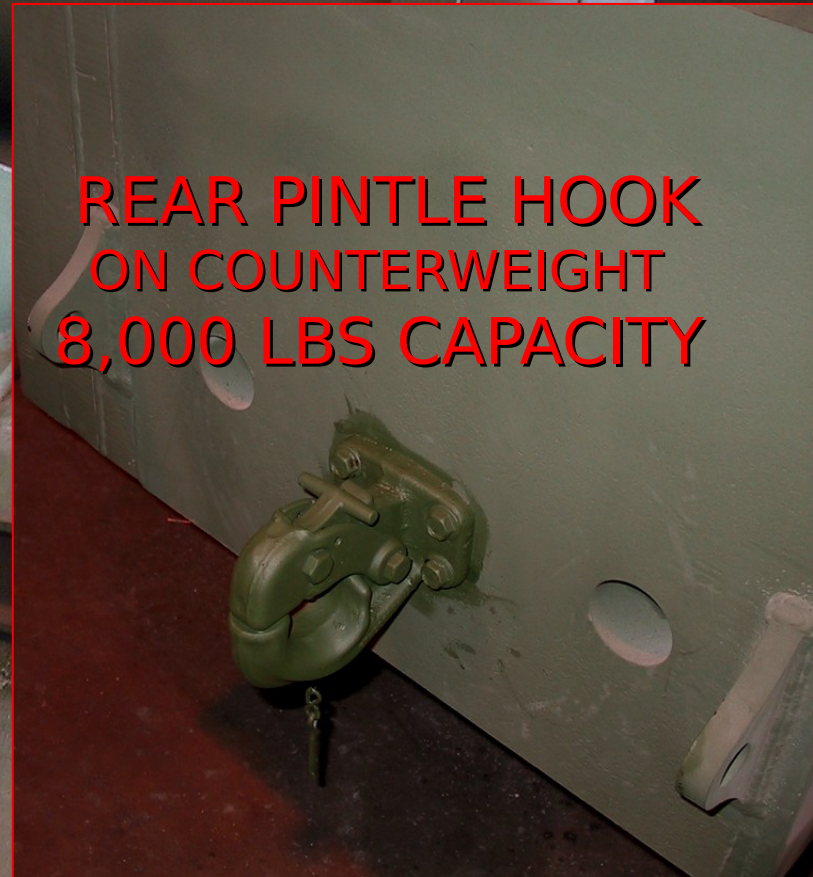
Roll Over Protective Structure (ROPS)  
Falling Object Protective Structure (FOPS)



**PINTLE HOOK FOR FORKS  
ON REAR LEFT FENDER  
8,000 LBS CAPACITY**



**REAR PINTLE HOOK  
ON COUNTERWEIGHT  
8,000 LBS CAPACITY**



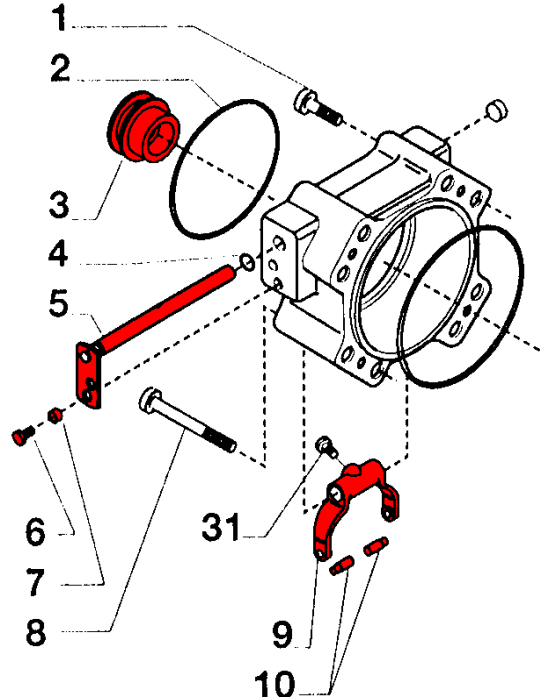


**HYDRAULIC  
MOTOR**

**PARK  
BRAKE**

**FRONT  
AXLE**

**HYDRAULIC  
MOTOR  
DISCONNECT**



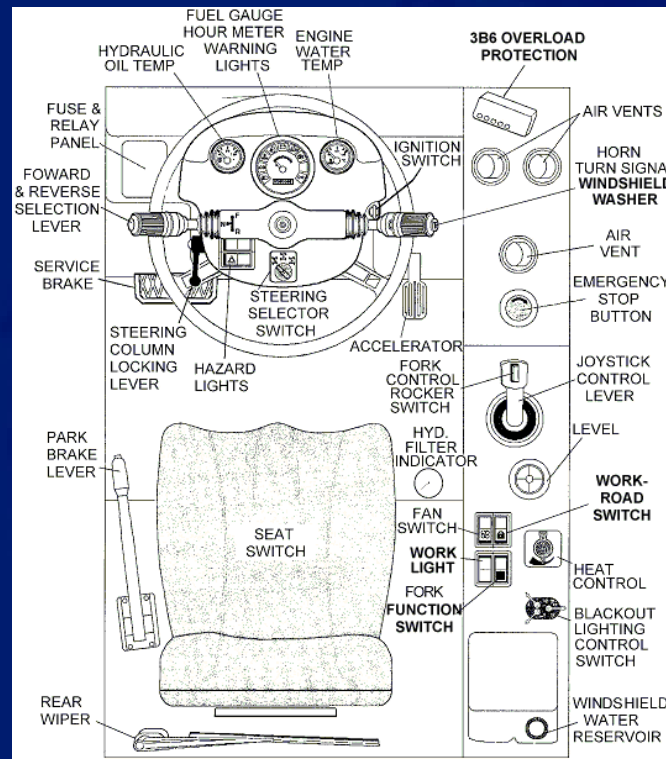
# **Missio**

**n:**

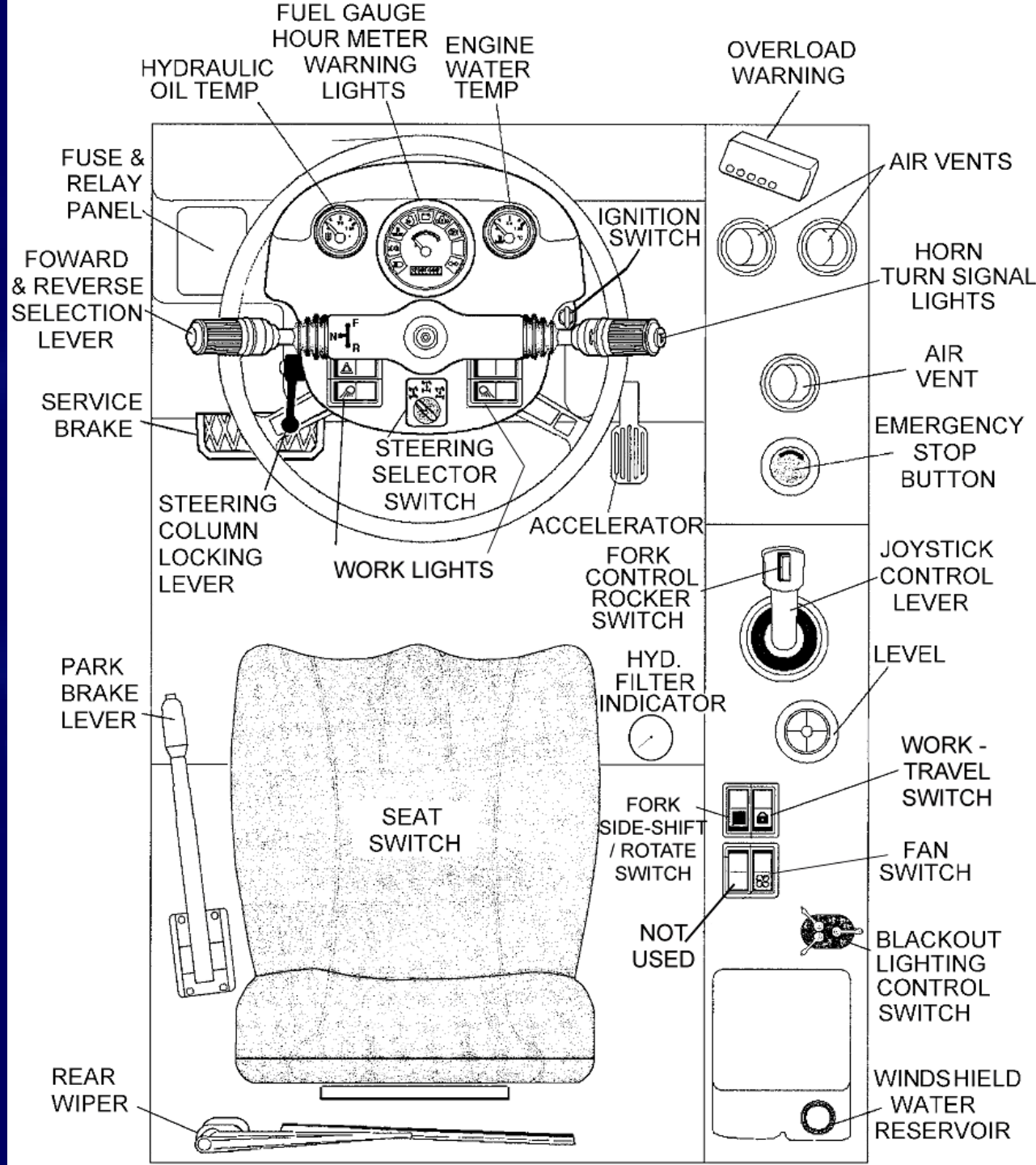
To load and unload palletized cargo from trucks, trailers, aircraft, ships, and ISO containers.

## SECTION 4

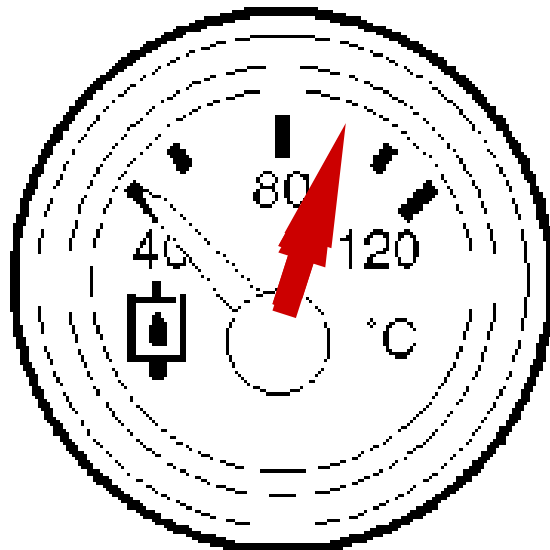
# CONTROLS & INSTRUMENTS





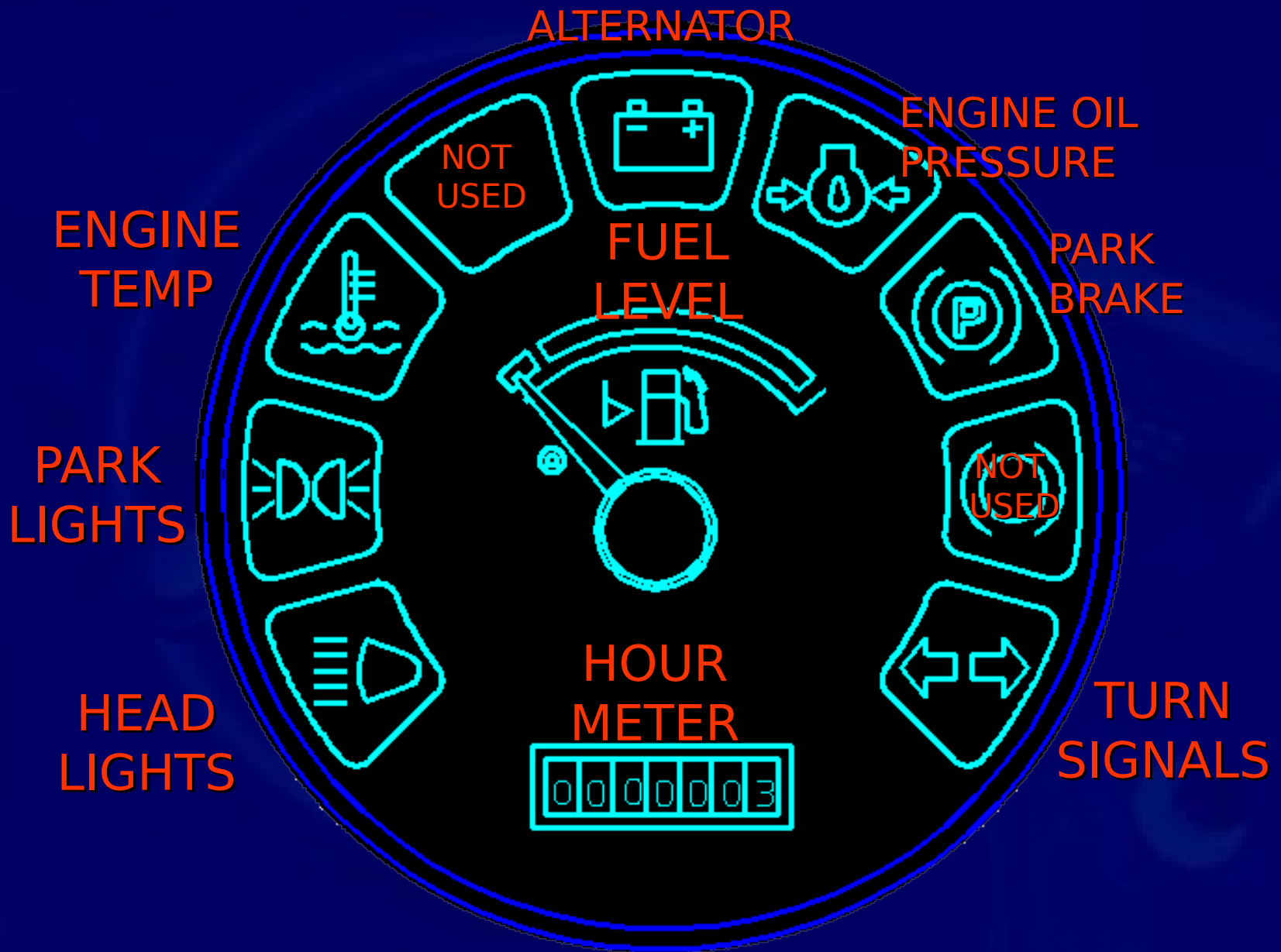


**Hydraulic Oil Temperature Indicator – Indicates the oil temperature within the reservoir.**

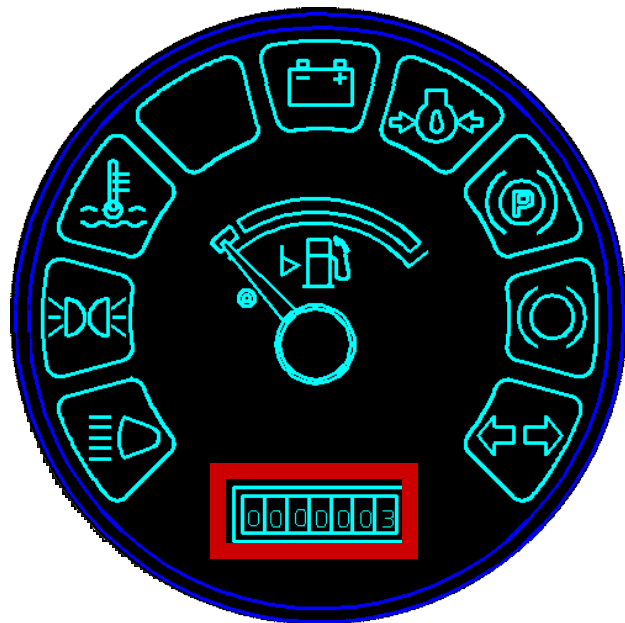


**NORMAL OPERATING  
TEMP 70 DEGREES C  
140°F**

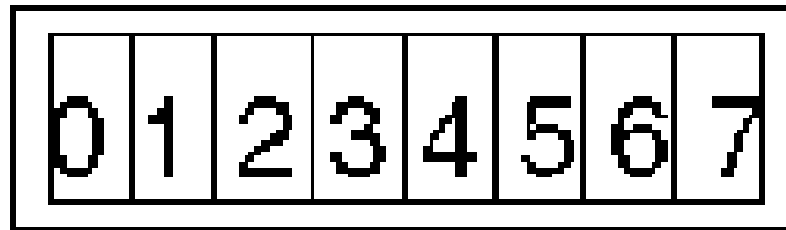
**HI TEMP  
90°C**



- a. **Hourmeter** – This indicates the running time of the engine in hours.

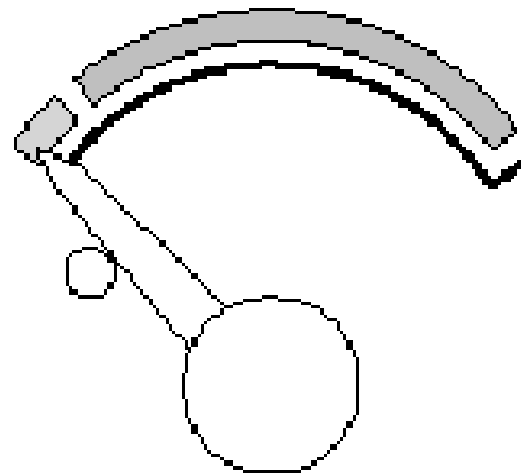
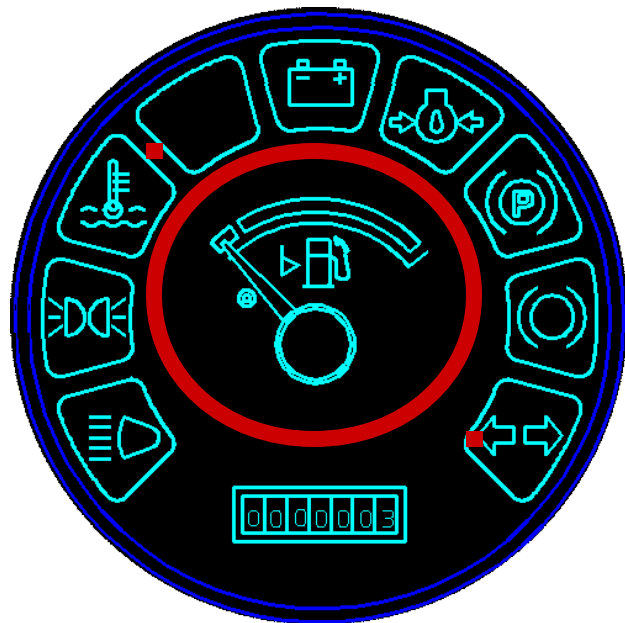


USED FOR SERVICING

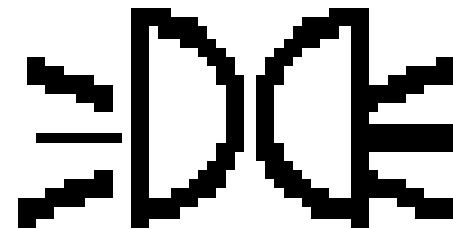
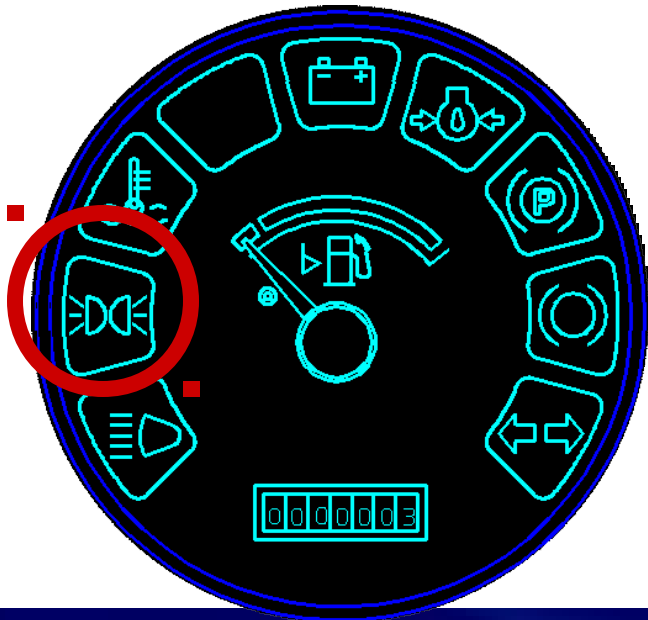




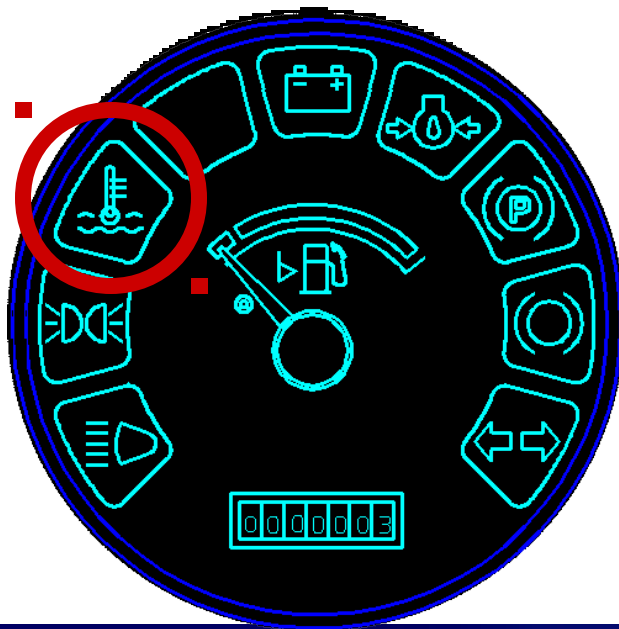
- b. **Fuel Gauge** – Indicates the amount of fuel remaining in the fuel tank.



c. **Hazard Light** – Green indicator signaling when position lights are ON.



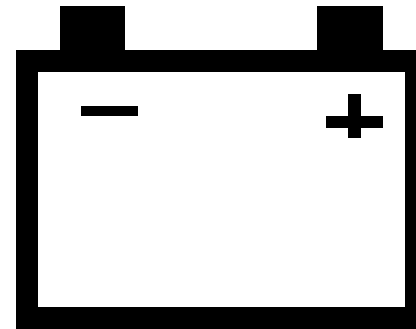
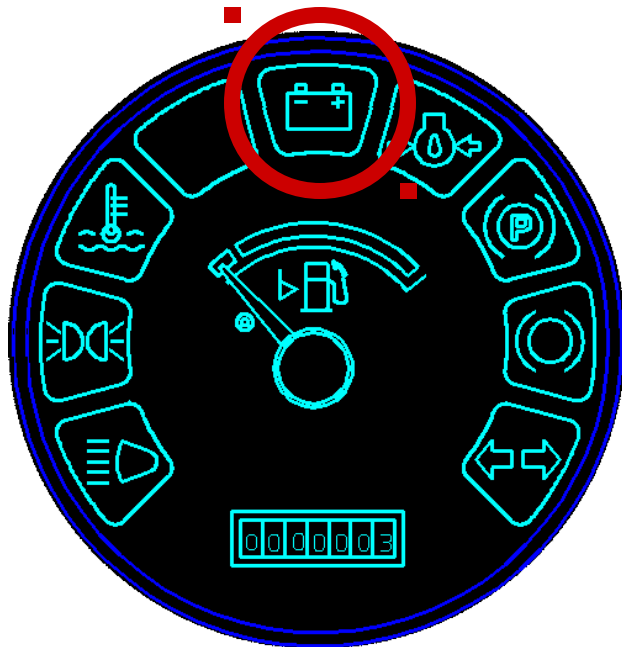
- d. **Water Temperature Indicator** – Indicates when engine coolant is overheated.



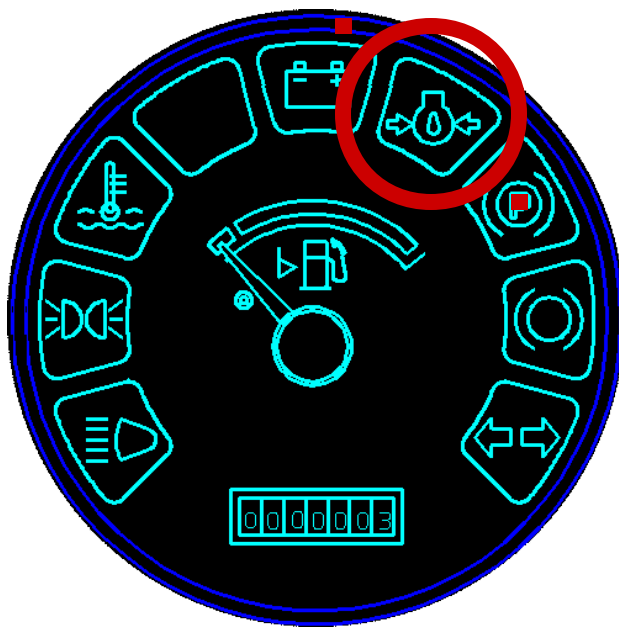
HI TEMP 110 C



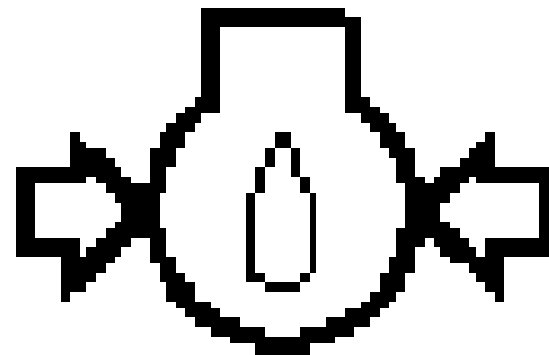
e. **Low Battery Charge** – Signals a low charge from the alternator.



- f. **Low Engine Oil Pressure** – This indicator will light up when engine oil pressure is too low. Stop the engine.

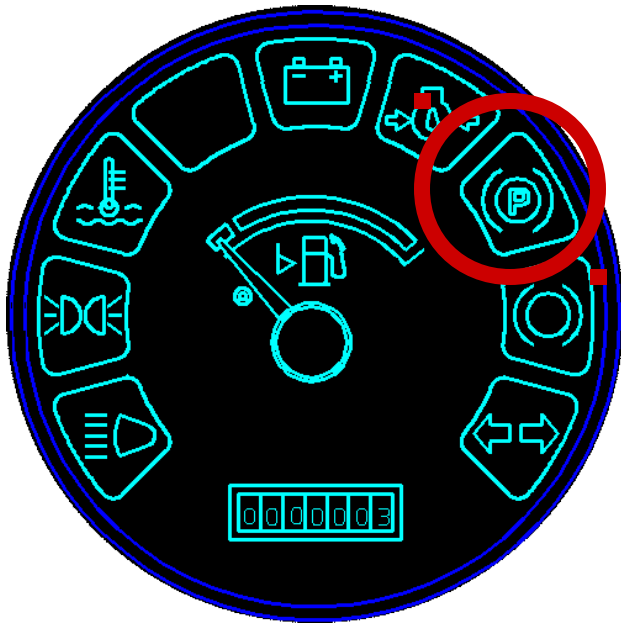


BELOW .8 BAR / 12 PSI

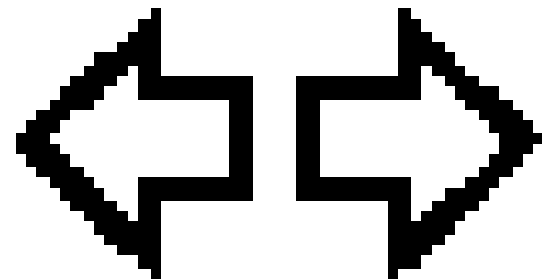
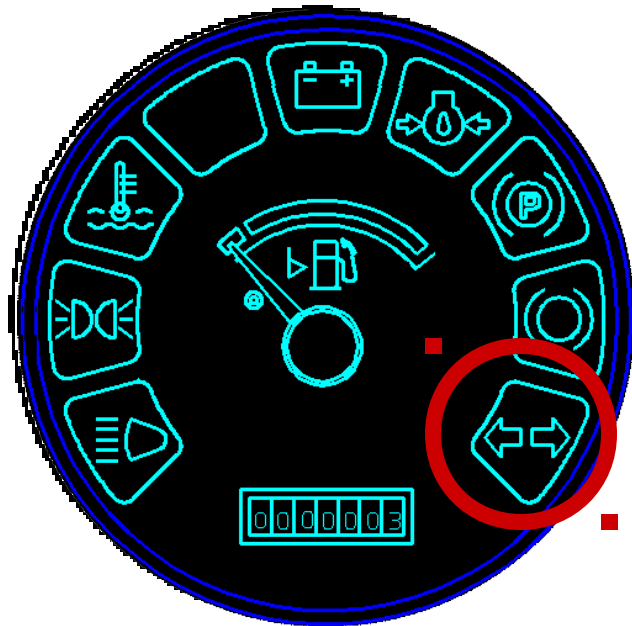


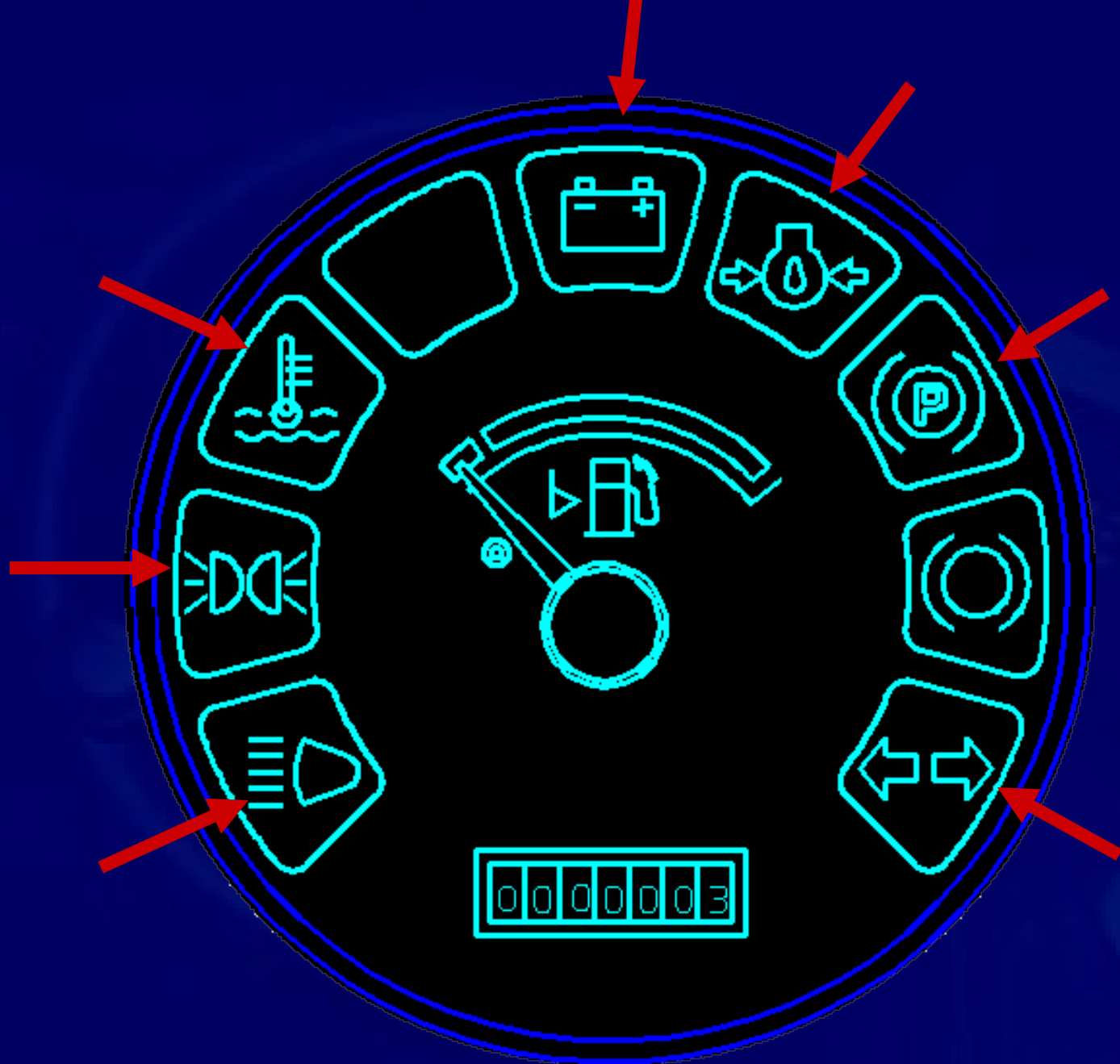
g. **Parking Brake Engaged** – Indicates the parking brake is engaged. **PARK BRAKE**

**PARK BRAKE  
MUST BE ENGAGED  
TO START ENGINE**



- i. **Turn signal Indicator** – Green indicator signaling when turn signals are ON.

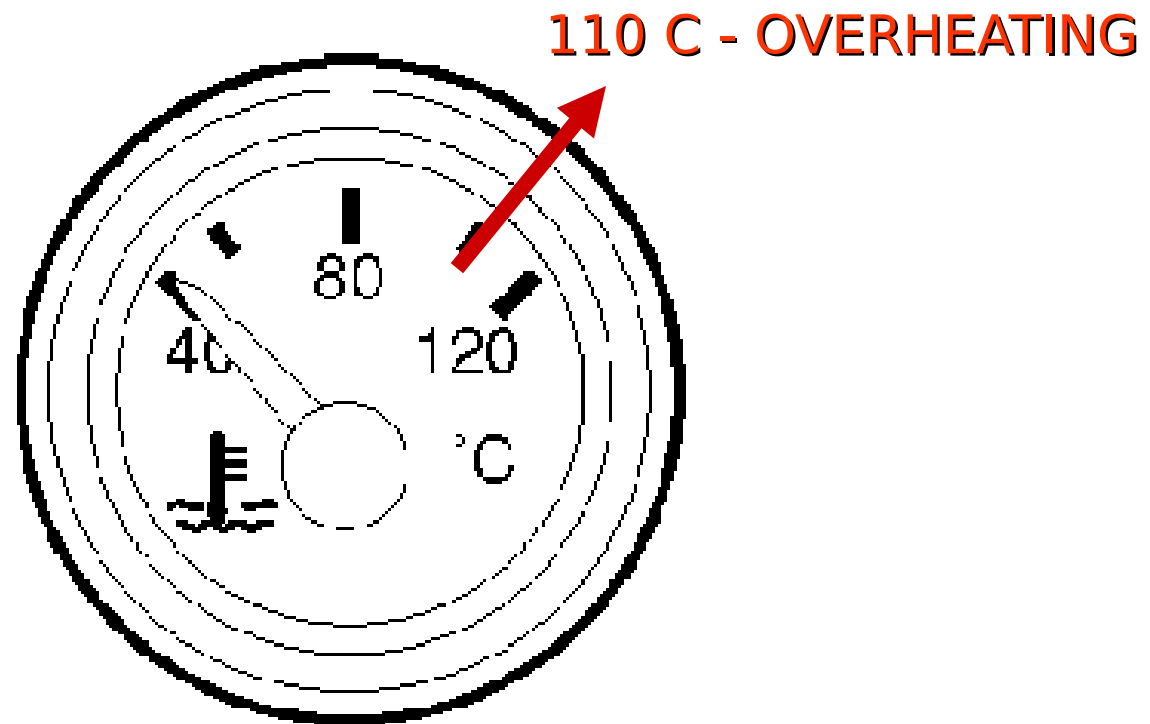




NAME THE INDICATOR LIGHTS



### 3. Engine Coolant Temperature –Indicates the engine coolant temperature.



4. Ignition Switch - This switch is used to energize the electrical system of the machine and start the machine.

### 3 SWITCH POSITIONS:

**Note:** Do not operate starter motor for more than 20 seconds at a time. If engine fails to start on first attempt, release switch lever and wait 2 minutes before trying again.



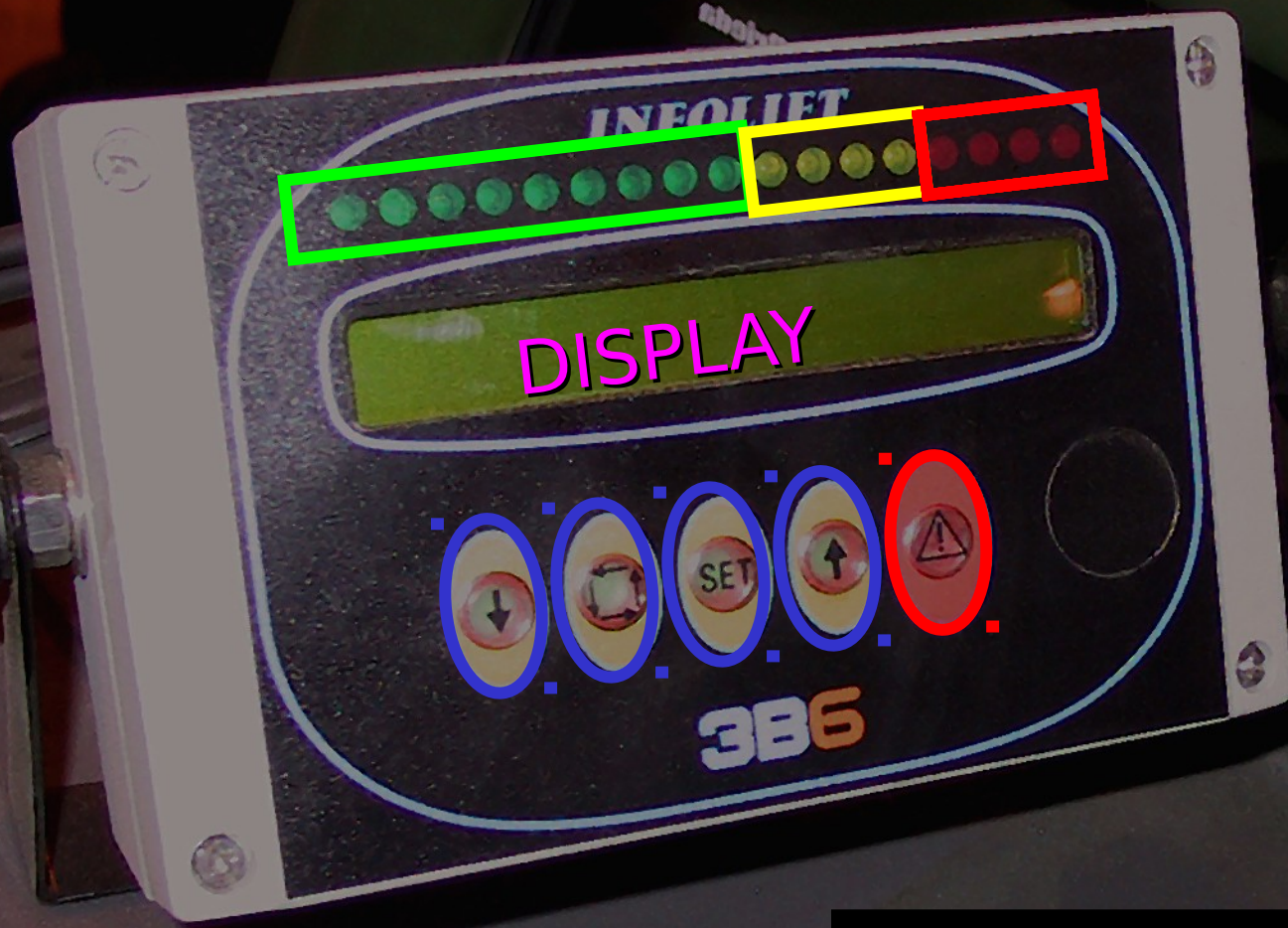
OVERLOAD PROTECTION

LOAD INDICATOR  
DE-ENERGIZES THE  
BOOM DOWN AND  
TELE OUT MOTION  
CUT SOLENOIDS  
WHEN AT 100%  
CAPACITY





0 - 90% CAPACITY 90 - 100% CAPACITY  
NORMAL BOOM DOWN & EXTEND MOTION CUT  
BUZZER BUZZER IS CONSTANT



USED FOR  
ACCURACY VERIFICATION

OVERLOAD LIGHT  
& BYPASS BUTTON



EMERGENCY STOP

ROTATE THE  
BUTTON TO RESET

CUTS POWER TO THE IGNITION SWITCH & FUEL  
SOLENOID WHEN DEPRESSED



# JOYSTICK CONTROL LEVER





LEVEL



LIFTING ~~SIDE~~ OR TRAVELING  
OUT OF LEVEL WITH BOOM EXTENDED

CAN TIP THE MACHINE OVER



2 SPEED  
DEFROSTER & HEAT  
FAN SWITCH





# WORK - TRAVEL SWITCH

TO PREVENT ACCIDENTAL  
OPERATION OF THE FORK &  
STEERING FUNCTIONS WHILE  
TRAVELING WITH A LOAD



**WORK  
MODE**

**TRAVEL  
MODE**

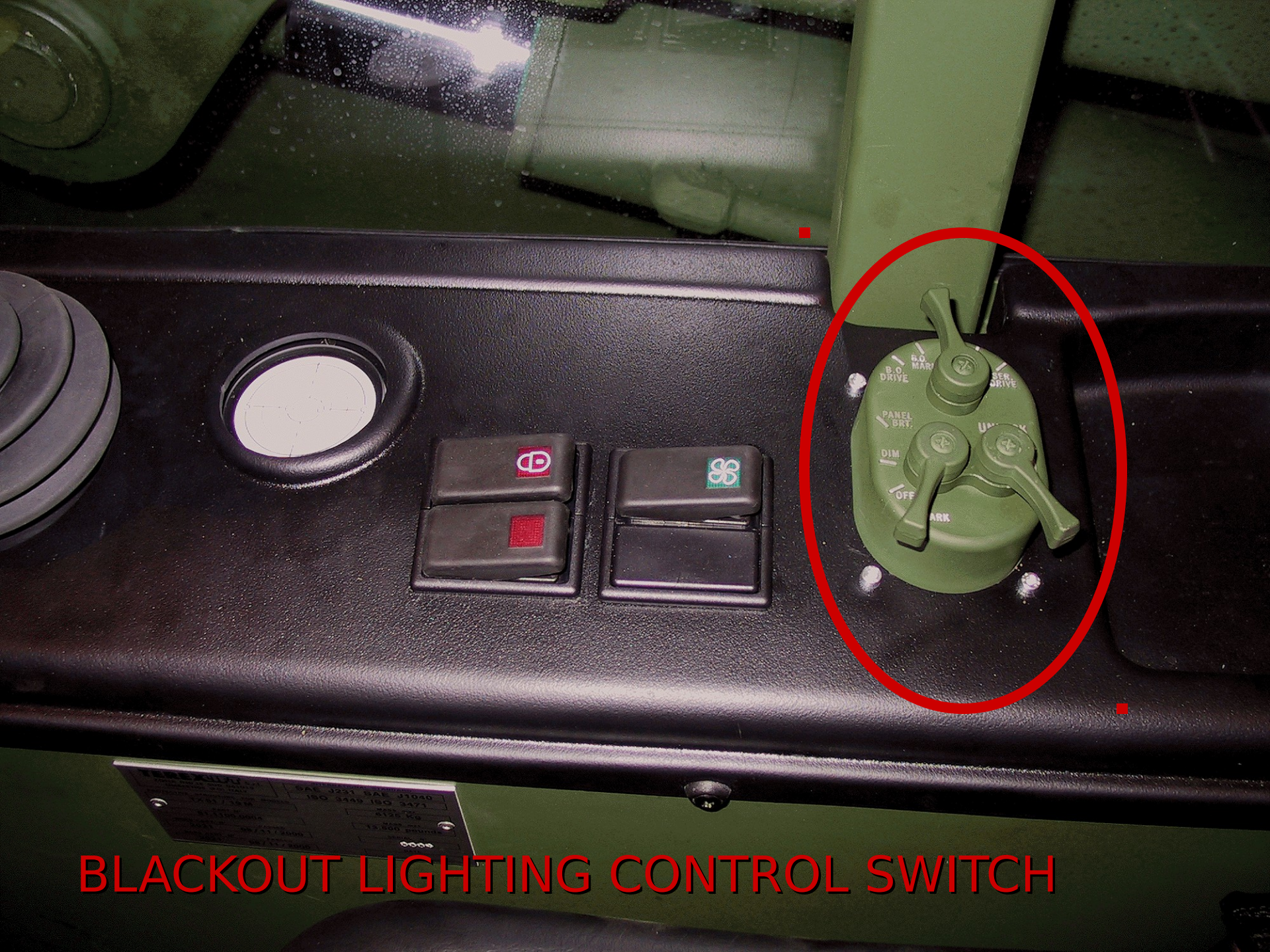
**NORMAL  
HANDLING  
OPERATION**

**LOCK-OUT FORK TILT, SIDESHIFT, ROTATE,  
CRAB OR 4-WHEEL STEER FUNCTIONS**

**BOOM FUNCTIONS  
ARE OPERABLE**







BLACKOUT LIGHTING CONTROL SWITCH



UNLOCK  
SWITCH POSITION

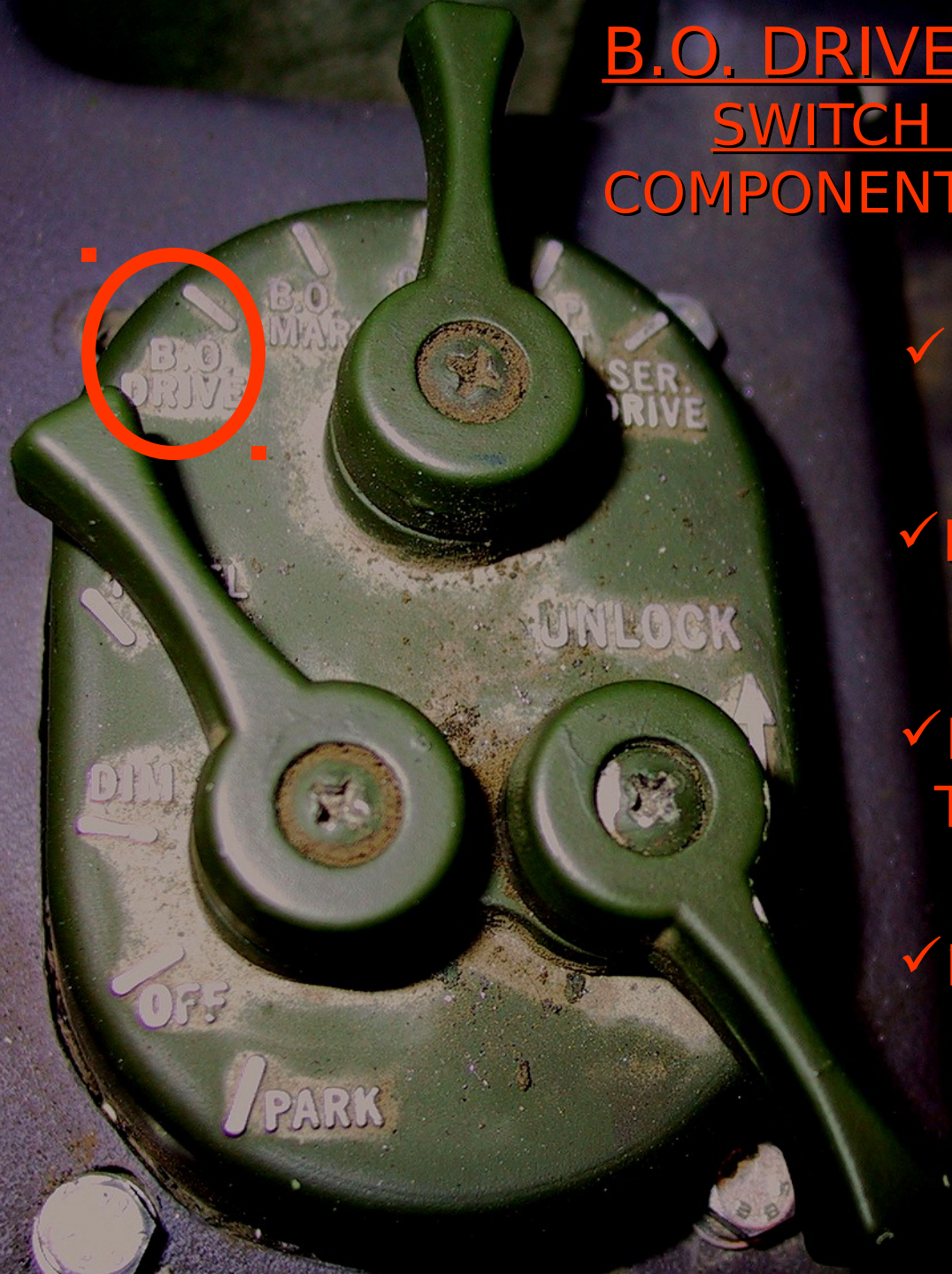
UNLOCK SWITCH  
BEFORE  
MOVING THE LIGHT  
SWITCH LEVERS OR  
DAMAGE CAN OCCUR  
TO THE SWITCH



LOCK SWITCH  
AFTER  
MOVING THE LIGHT  
SWITCH LEVERS TO  
PREVENT ACCIDENTAL  
SWITCHING



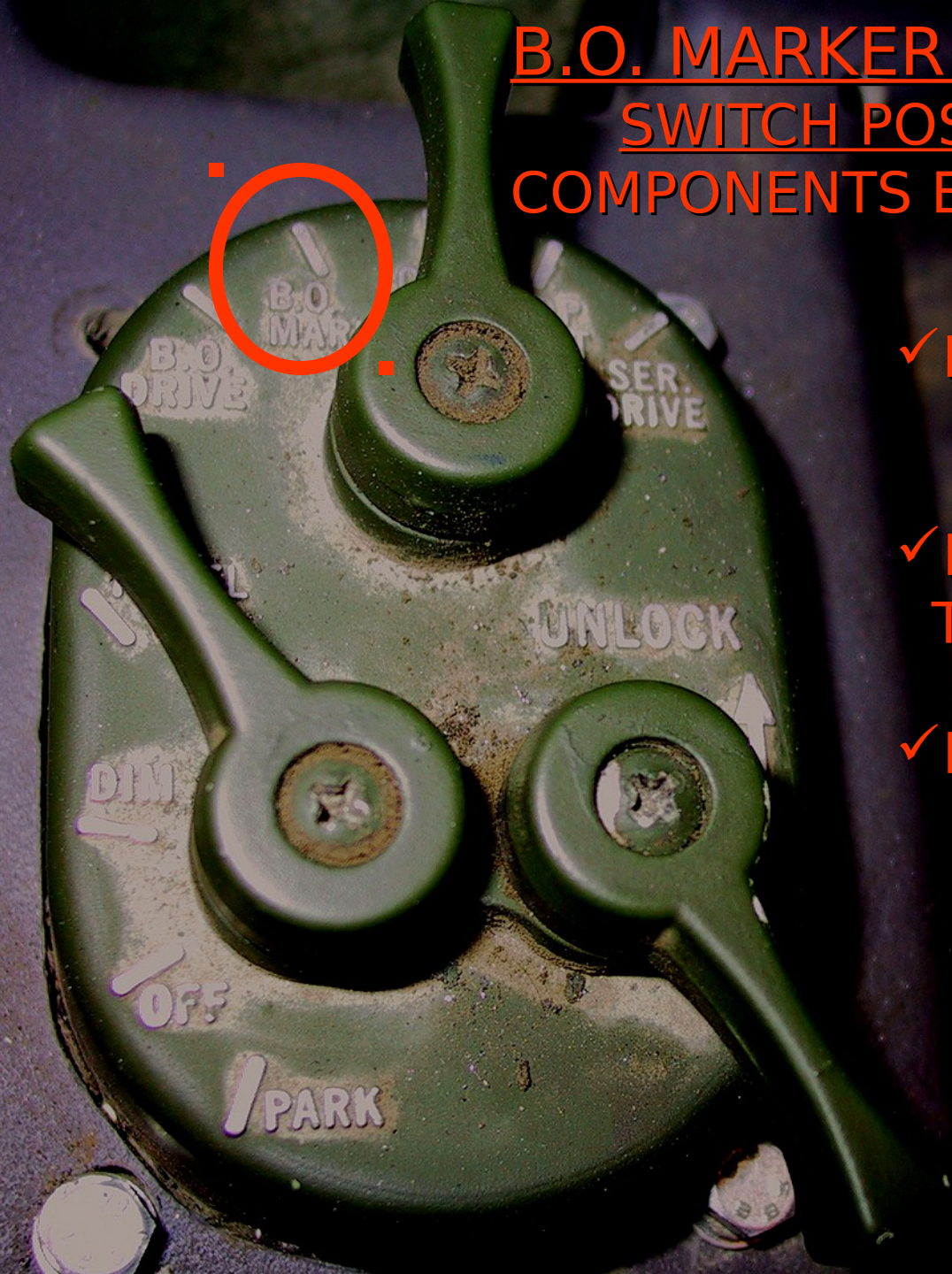
B.O. DRIVE (BLACKOUT)  
SWITCH POSITION  
COMPONENTS ENERGIZED



- ✓ BLACKOUT HEAD LIGHT
- ✓ FOUR BLACKOUT MARKERS
- ✓ BLACKOUT TAIL LIGHTS
- ✓ DASH BOARD LIGHT



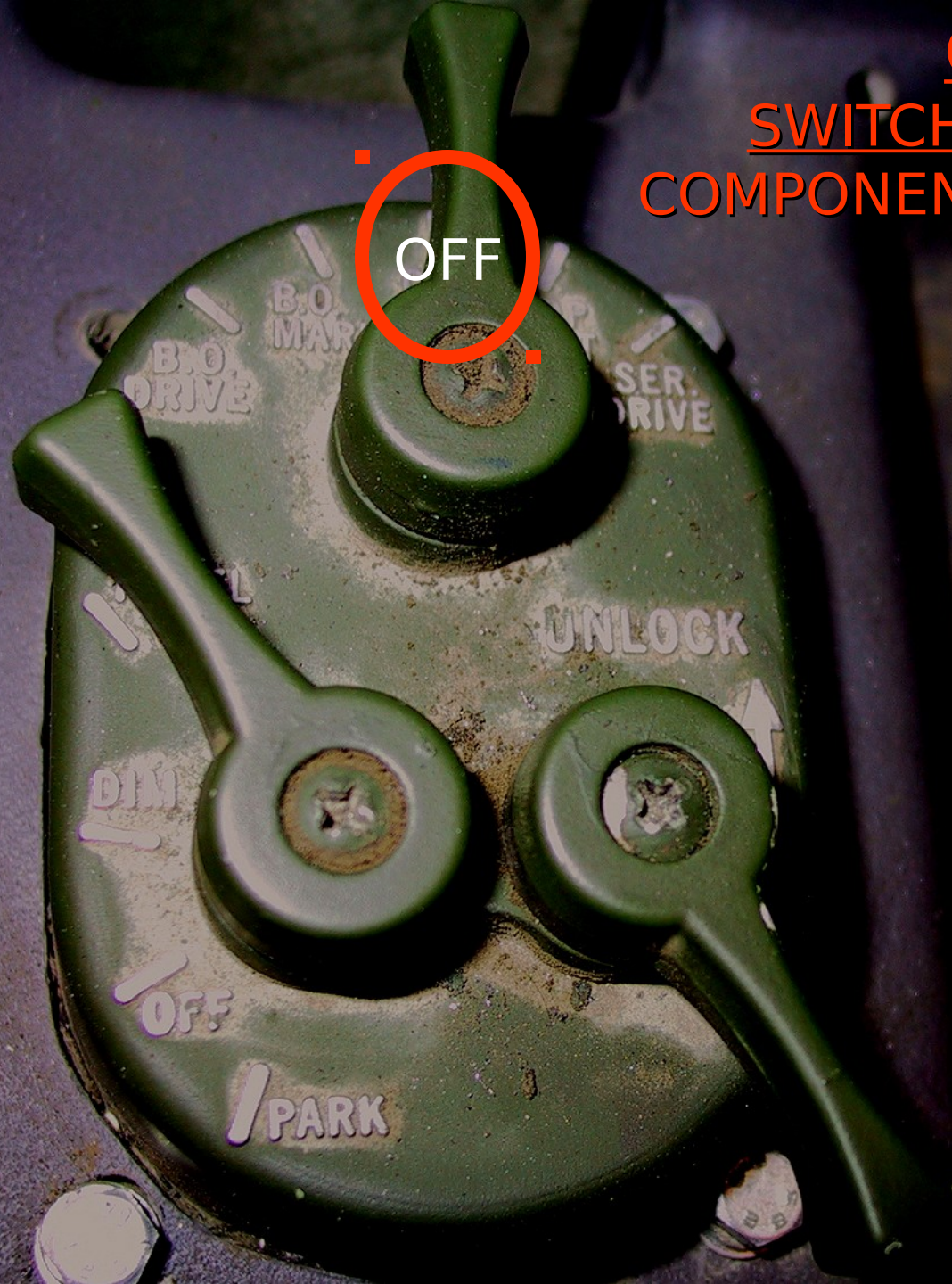
B.O. MARKER (BLACKOUT)  
SWITCH POSITION  
COMPONENTS ENERGIZED



- ✓ FOUR BLACKOUT MARKERS
- ✓ BLACKOUT TAIL LIGHTS
- ✓ DASH BOARD LIGHT



OFF  
SWITCH POSITION  
COMPONENTS ENERGIZED



NONE



STOP LIGHT  
SWITCH POSITION  
COMPONENTS ENERGIZED

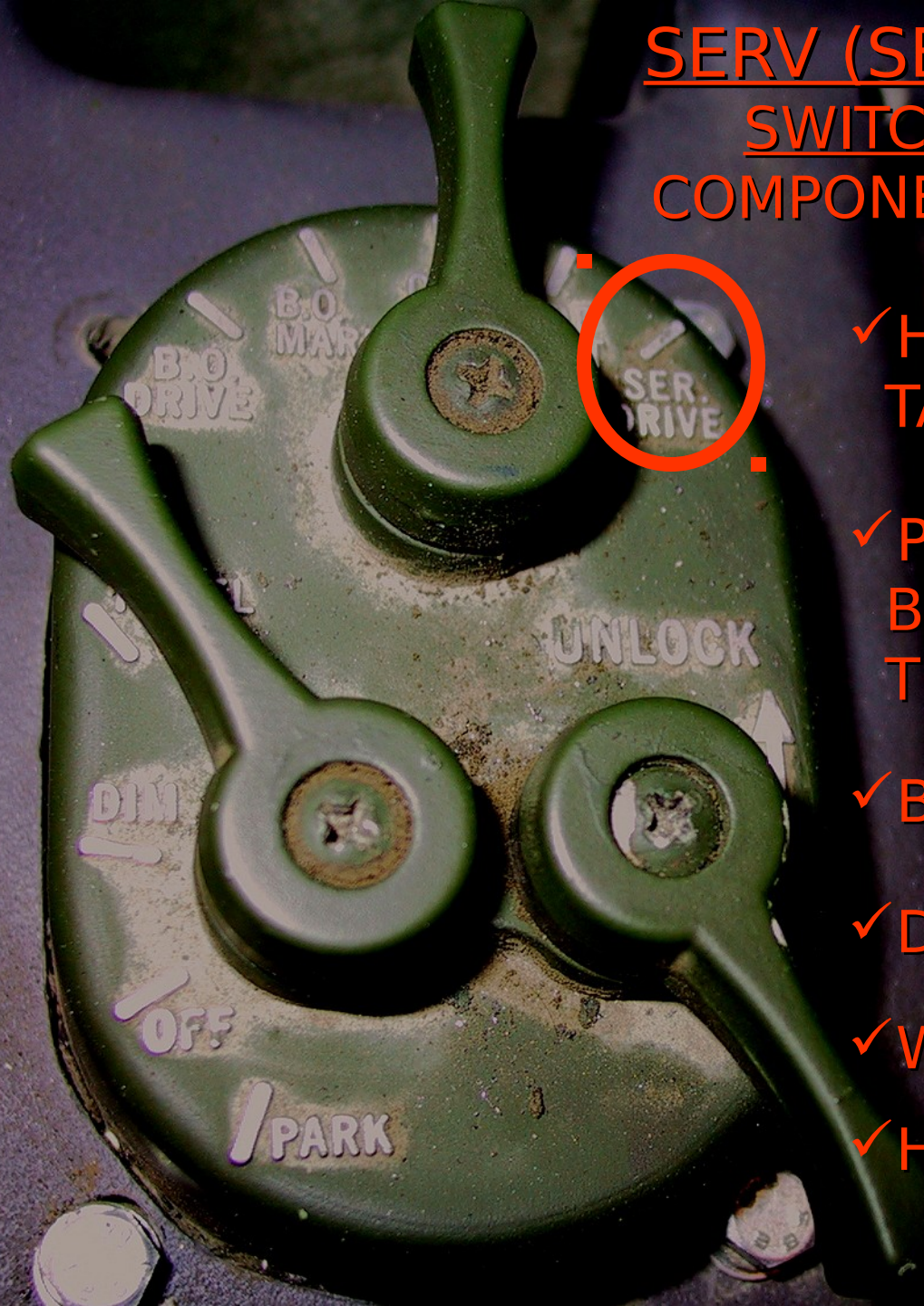


STOP  
LIGHT

- ✓ BRAKE LIGHTS,  
TURNSIGNALS
- ✓ BACK UP ALARM
- ✓ WORKLIGHTS
- ✓ HORN



# SERV (SERVICE) DRIVE SWITCH POSITION COMPONENTS ENERGIZED



✓ HEADLIGHTS &  
TAIL LIGHTS

✓ PARKING LIGHTS,  
BRAKELIGHTS,  
TURN SIGNALS

✓ BACK UP ALARM

✓ DASH BOARD LIGHT

✓ WORKLIGHTS

✓ HORN



PANEL BRT.  
(DASH LIGHTS)  
SWITCH POSITION

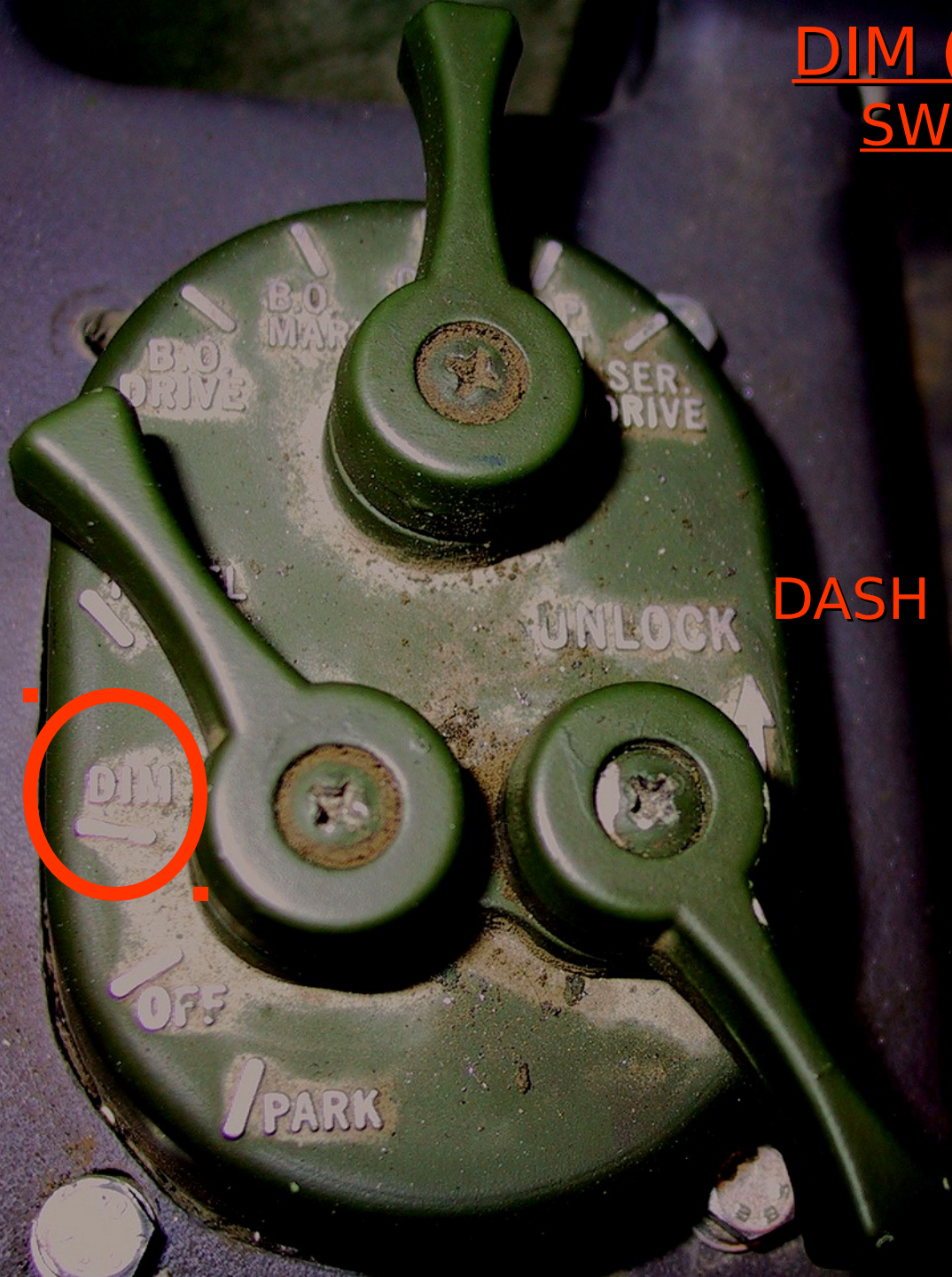


PANEL  
BRT.

DASH LIGHTS BRIGHT



DIM (DASH LIGHTS)  
SWITCH POSITION



DASH LIGHTS DIMMED



OFF  
SWITCH POSITION

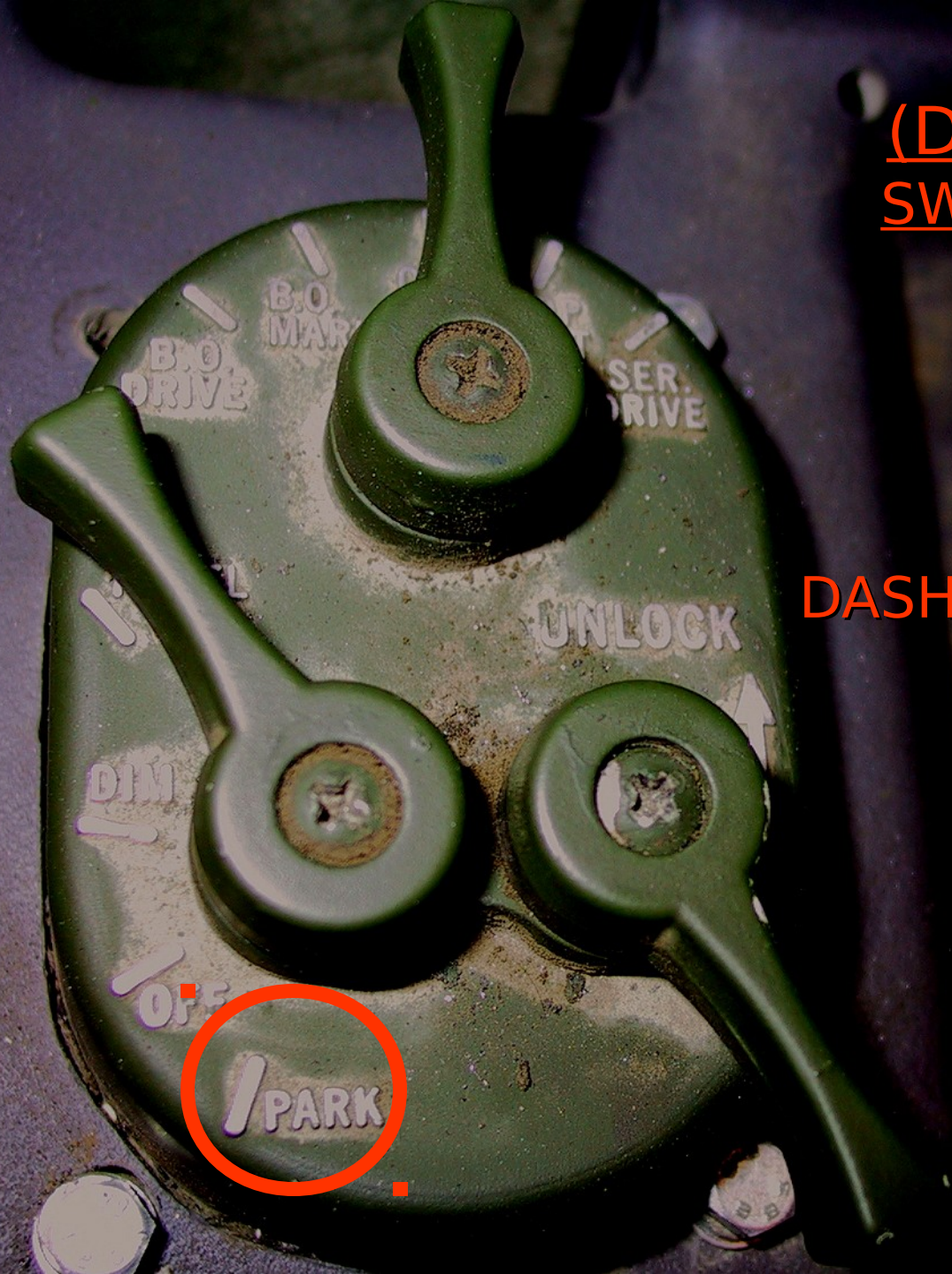
DASH LIGHTS OFF





PARK  
(DASH LIGHTS)  
SWITCH POSITION

DASH LIGHTS DIMMED





# WINDSHIELD WASHER RESERVOIR AND CONTROL



WATER PUMP





AIR  
CONDITIONING

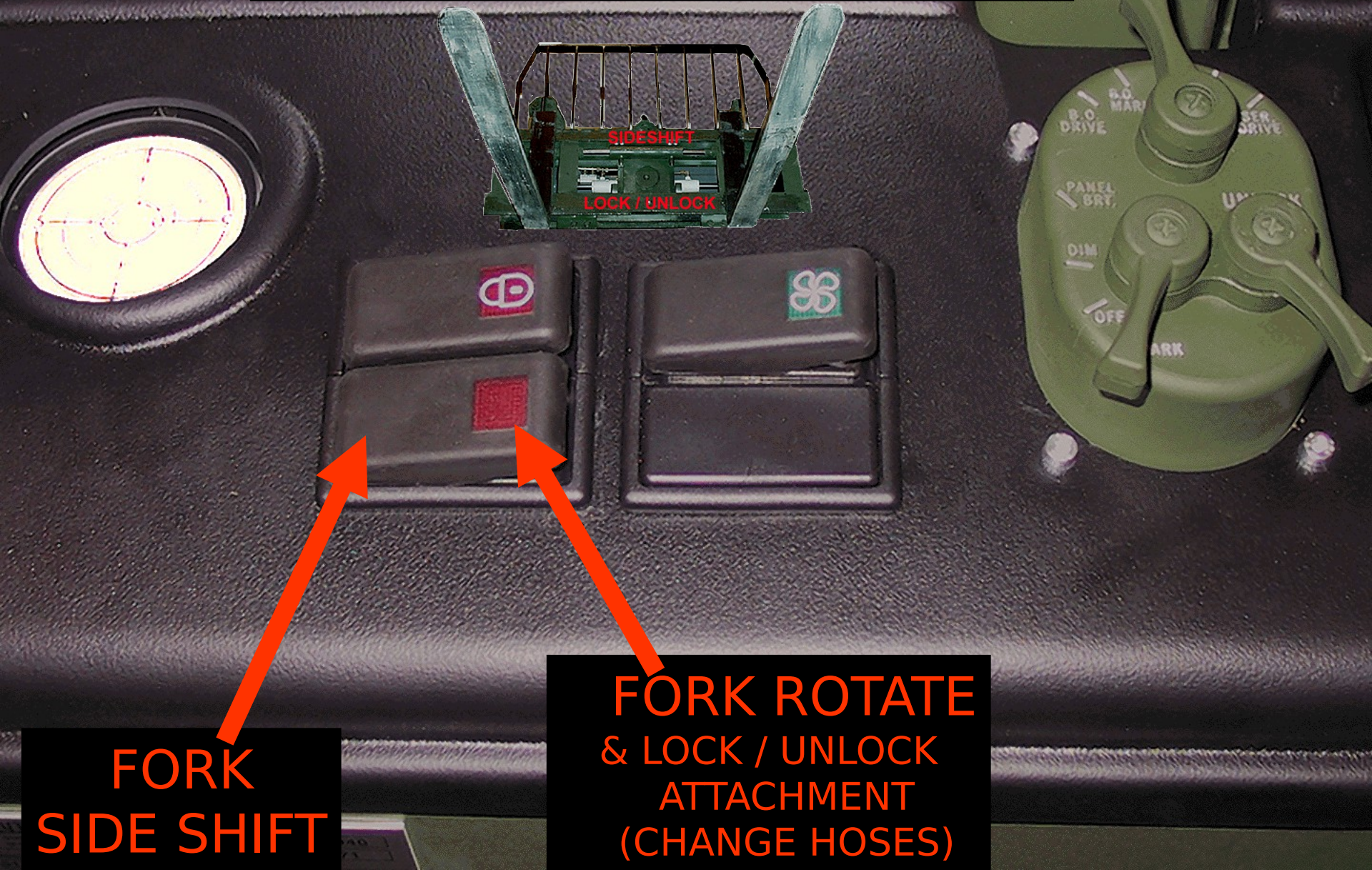
SWITCH



6W



# FORK SIDESHIFT / ROTATE ROCKER SWITCH



FORK  
SIDE SHIFT

FORK ROTATE  
& LOCK / UNLOCK  
ATTACHMENT  
(CHANGE HOSES)



# DIRTY TRANSMISSION FILTER INDICATOR



YELLOW :  
GETTING CLOSE TO  
CHANGING FILTER

COLD OIL WILL  
CAUSE HIGH  
READINGS

RED :  
CHANGE  
THE FILTER

SEAT







REAR WIPER

SWITCH



# THE PARK BRAKE

PARK BRAKE  
MUST BE ENGAGED  
TO START ENGINE  
BY CLOSING  
PROXIMITY  
SWITCH

BUTT  
OF  
RIFLE  
RIGHT  
HERE

SWITCH  
CLOSED

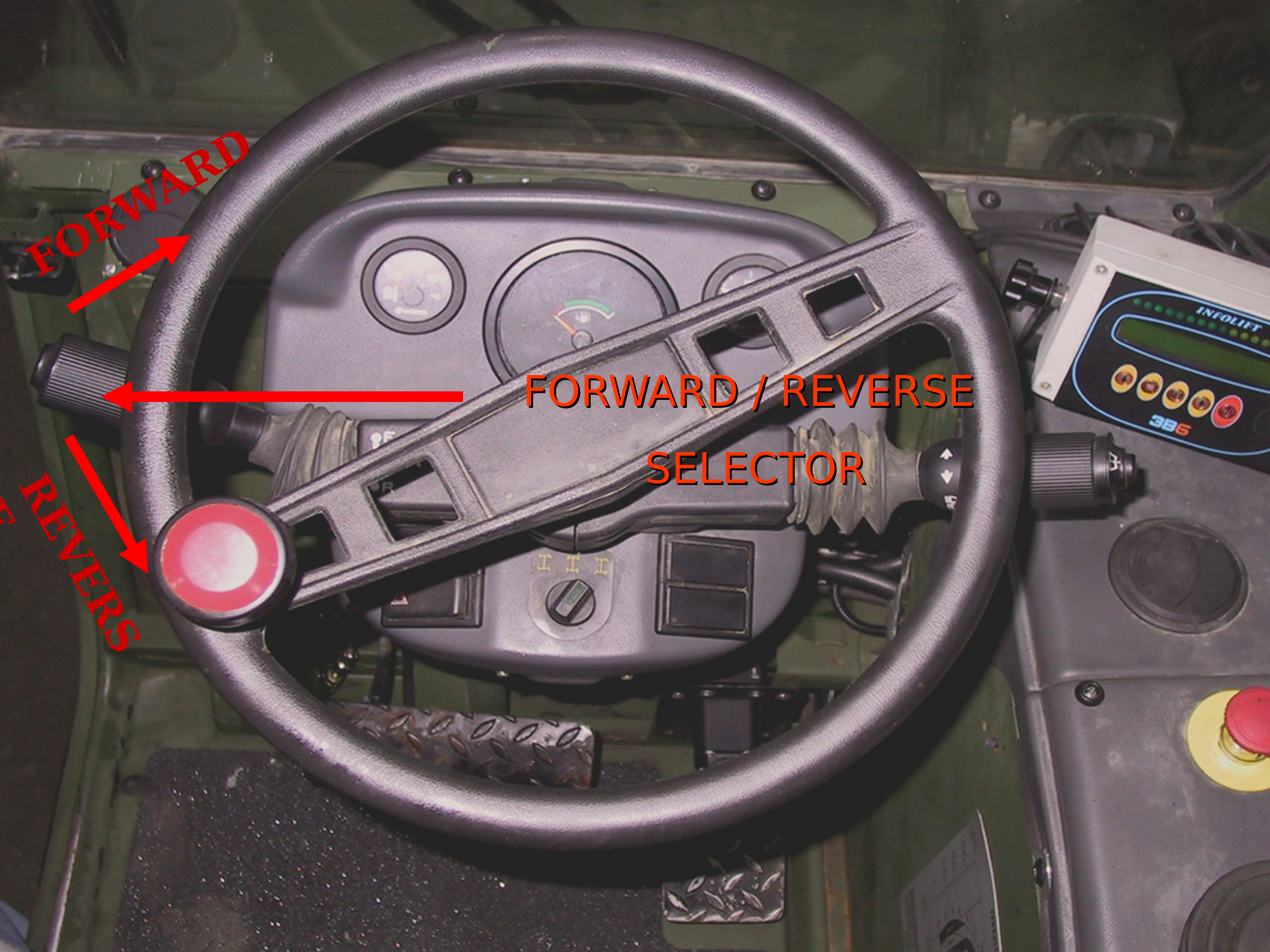




MUST SIT IN  
SEAT BEFORE  
BEING ABLE TO  
SHIFT FORWARD  
OR REVERSE

SEAT SWITCH





FORWARD

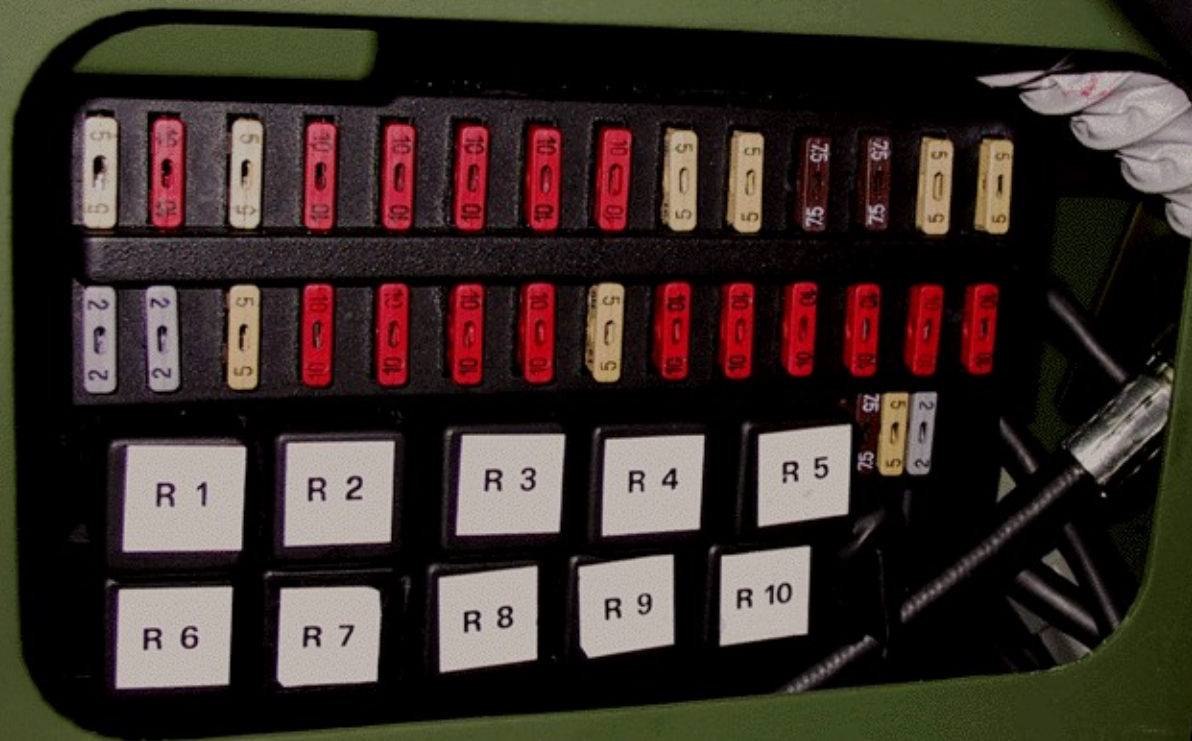
FORWARD / REVERSE  
SELECTOR

REVERS





# FUSE & RELAY PANEL



LEFT OF  
STEERING  
COLUMN





STEERING CONSOLE TILT LOCKING LEVER

ENSURE IT IS LOCKED

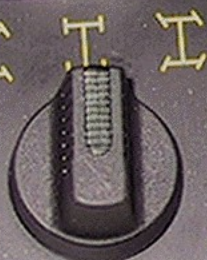


F  
N  
R

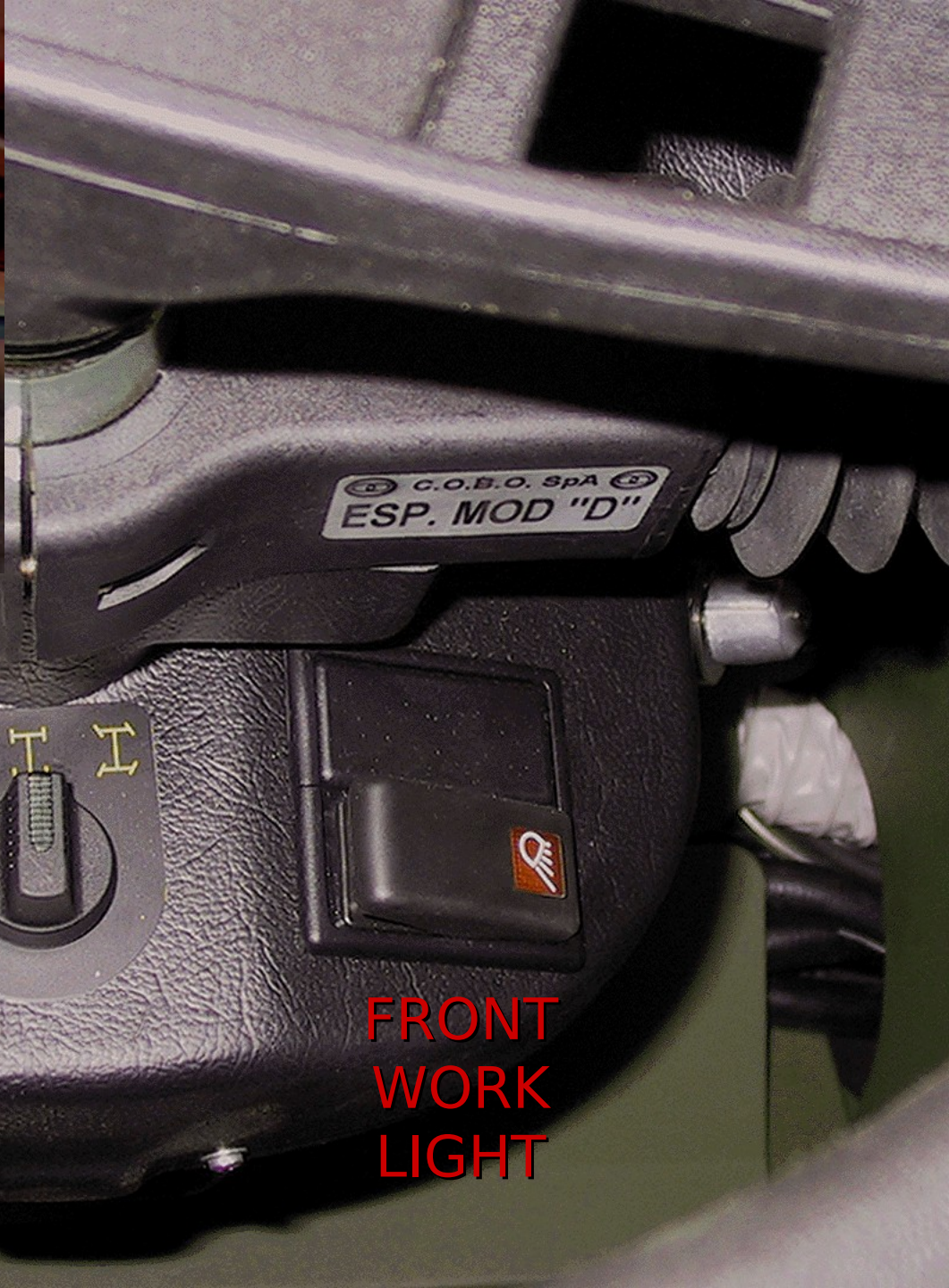
C.O.B.O. SpA  
Codice "01454600"  
Seriale "00000706"  
Codice "OK" data 09/10/01

C.O.B.O. SpA  
ESP. MOD "D"

HAZARD  
LIGHTS  
SWITCH







FRONT  
WORK  
LIGHT



# STEERING SELECTOR

FRONT

CRAB WHEEL 4 WHEEL  
STEER STEER STEER



SIDEWAY FRONTTIGHT  
STEER WHEEL&RADIUS  
ONLY





# STEERING MODES



2 WHEEL



4 WHEEL



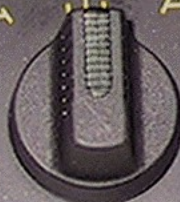
CRAB



F  
N  
R

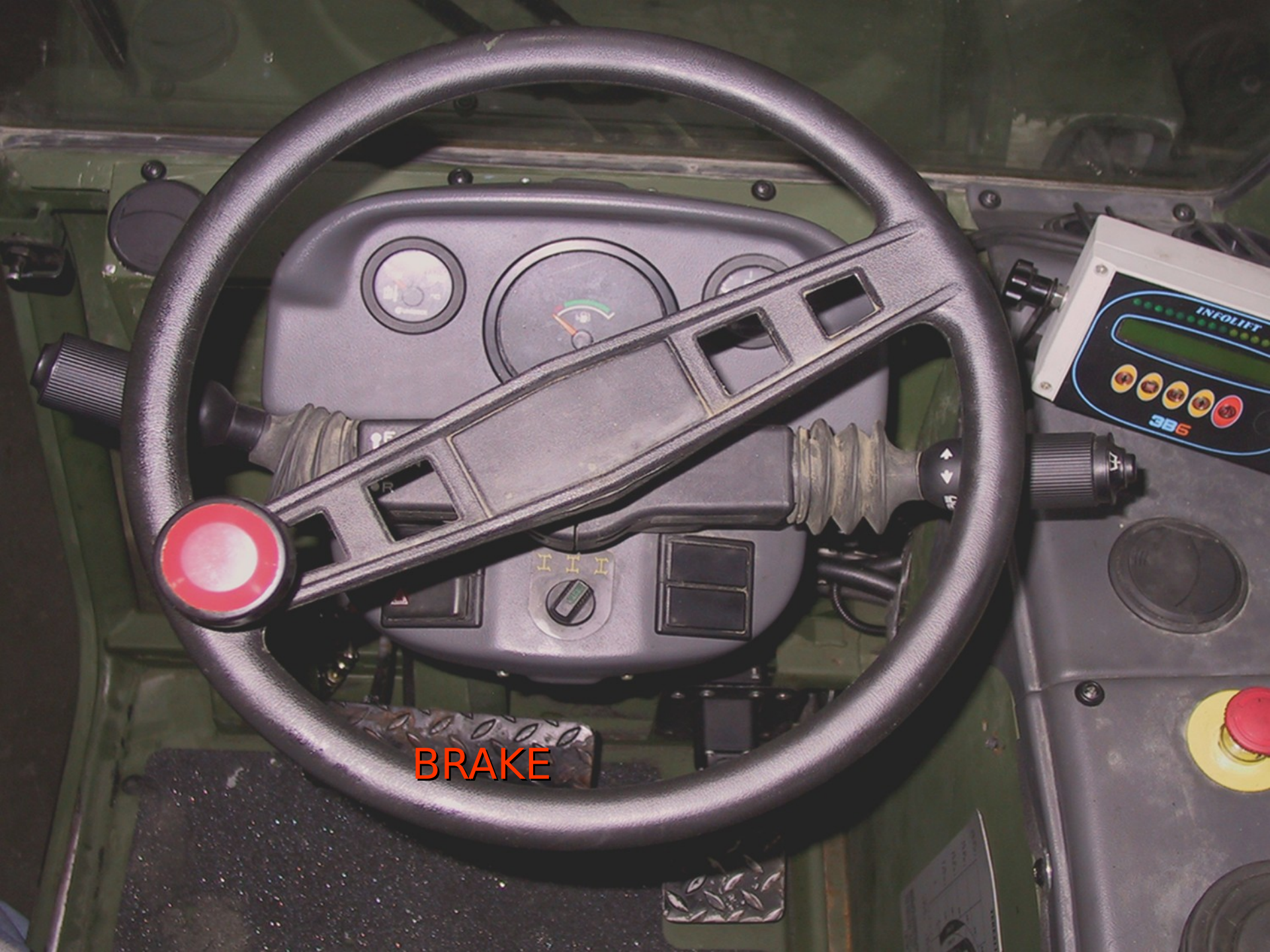
C.O.B.O. SpA  
Codice "01454600"  
Seriale "00000706"  
Codice "OK" data 09/10/01

C.O.B.O. SpA  
ESP. MOD "D"



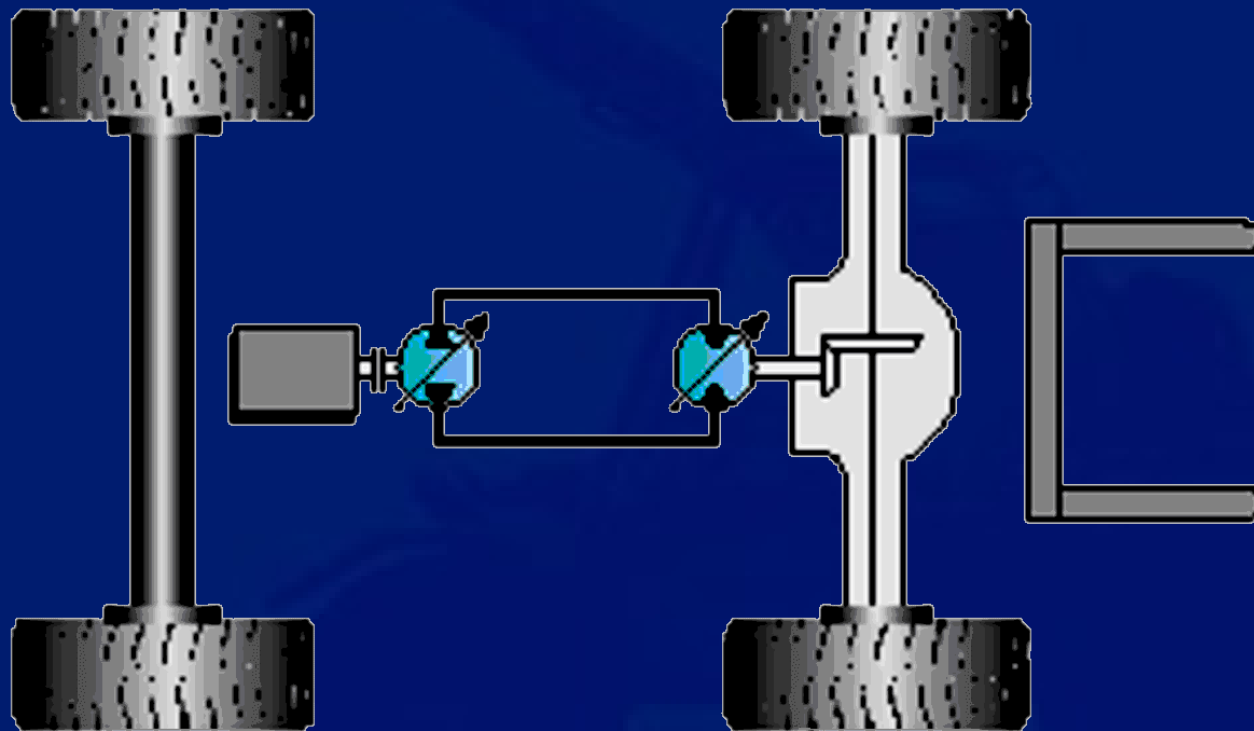
REAR  
WORK  
LIGHT





BRAKE

# TRANSMISSION HAS DYNAMIC BRAKING



WHEN LETTING OFF ACCELERATOR  
THE MACHINE COMES TO A STOP  
WITH OUT USING THE BRAKE PEDAL





ACCELERATOR

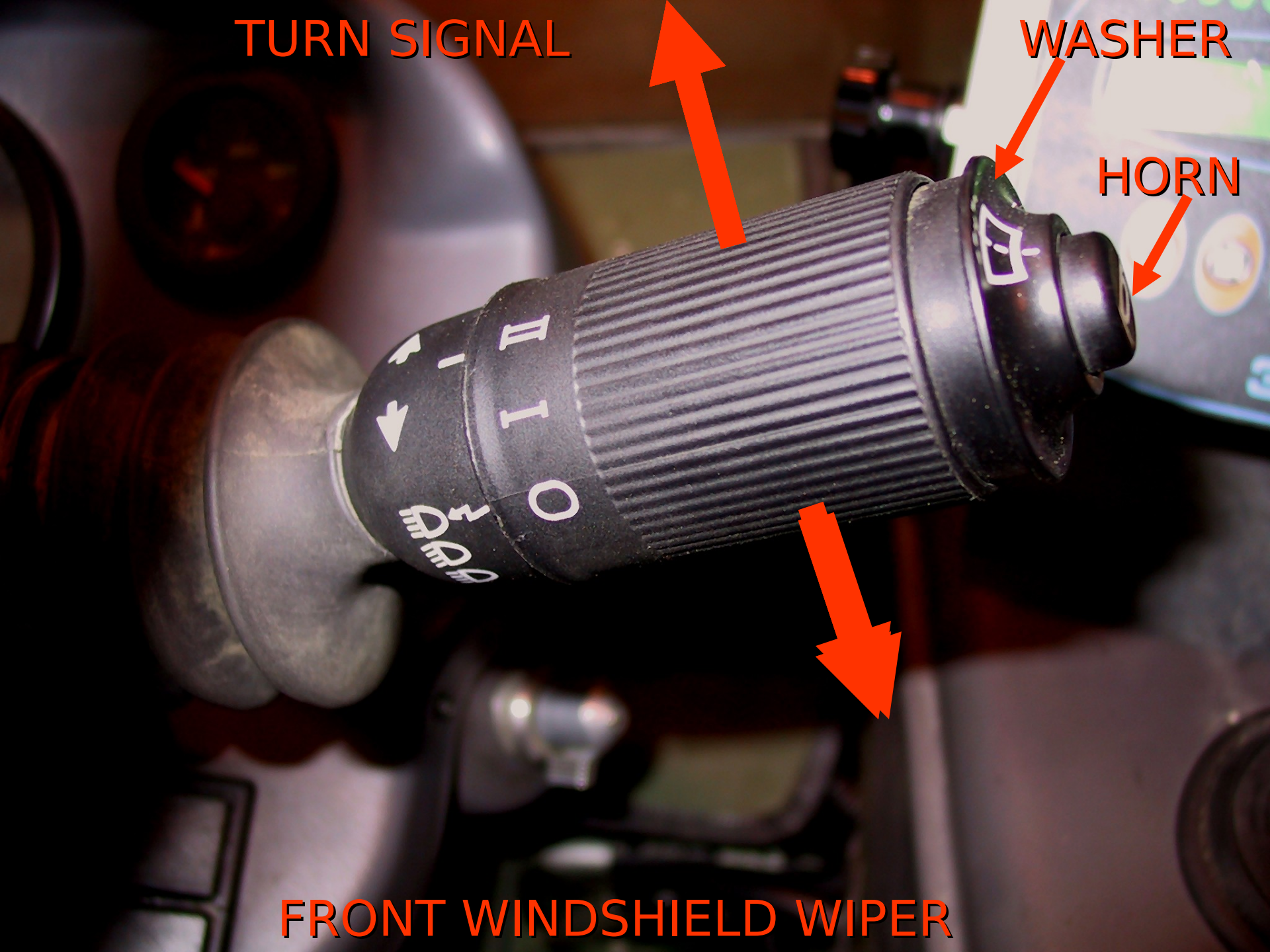


TURN SIGNAL

WASHER



























HORN

FRONT WINDSHIELD WIPER







Symbol	Description	Symbol	Description	Symbol	Description
	HAZARD INDICATOR LIGHTS		STEERING SELECTION		LIFT/TIE DOWN
	WINDSHEILD WIPER		BRAKE PRESSURE		WORK-ROAD SETTING
	WINDSHEILD WASHER		ENGINE OIL PRESSURE		
	CAB VENTILATION FAN		BOOM RAISING		
	DIESEL ENGINE WATER TEMPERATURE		BOOM LOWERING		
	FUEL LEVEL		BOOM EXTENTION		
	HYDRAULIC OIL TEMPERATURE		BOOM RETRACTION		
	FORK ROTATING		ATTACHMENT LOCKING DEVICE		
	TURN SIGNALS		ATTACHMENT RELEASING DEVICE		
	PARKING BRAKE		FORK PITCHING FORWARD		
	BATTERY CHARGE		FORK PITCHING BACK		
			OIL FILTER CLOGGED		
			AIR FILTER CLOGGED		

**LOCKS OUT FORK  
OPERATION &  
ONLY TRAVELS IN  
FRONT WHEEL  
STEER**











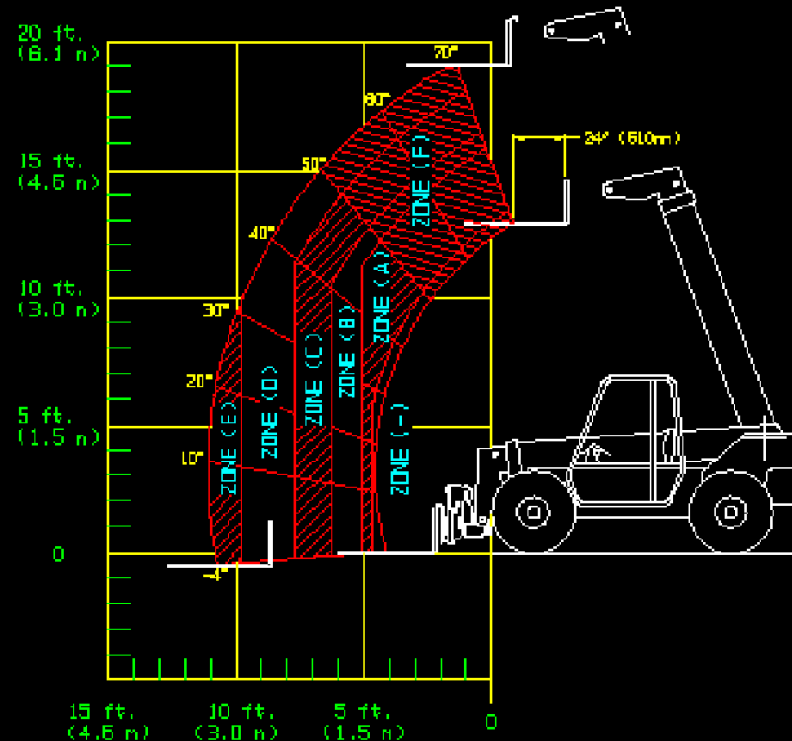
# **BEFORE OPERATING THE MACHINE VERIFY FOR SAFE AND PROPER OPERATION CONTROL / FUNCTIONS**

- Horn
- Gauges
- Brake Lights
- Reverse Lights
- Head Lights
- Turn Signal Lights
- Black out Lights
- Wipers Front/Rear
- Park Brake
- Forward/Reverse
- Service Brake
- Accelerator
- Back Up Alarm
- Steering All 3 Selections
- Wheel Alignment
- Boom Up/Down
- Boom Telescope Out/In
- Fork Tilt Up/Down
- Fork Side-Shift Left/Right
- Fork Rotate CW/CCW
- Work Travel Switch
- Secondary Steering



# THE LOAD CHART

## TEREXLIFT TX51-19M



RATED LIFT CAPACITIES ARE WITH:  
MACHINE ON A FIRM LEVEL SURFACE WITH UNDAMAGED,  
PROPERLY INFLATED TIRES.

TIRE SIZE: 375/75 R20  
TIRE PRESSURE: 54 psi  
TIRE PRESSURE - SOFT GROUND: 28 psi

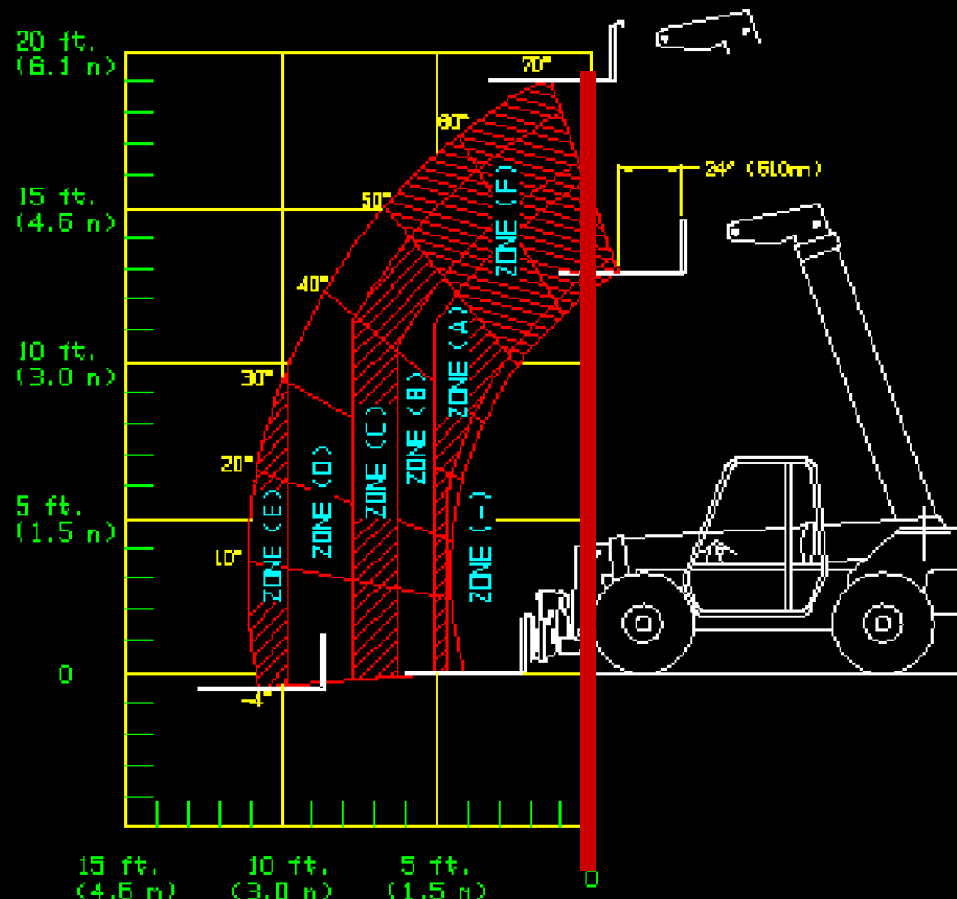
S/N

### LOAD LIMITS / HORIZONTAL BOOM LAST FULLY VISIBLE LETTER

- (-) RETRACTED = 5070 LBS (2300 Kg)
- (A) LETTER VISIBLE = 4410 LBS (2000 Kg)
- (B) LETTER VISIBLE = 3905 LBS (1500 Kg)
- (C) LETTER VISIBLE = 2795 LBS (1250 Kg)
- (D) LETTER VISIBLE = 2005 LBS (900 Kg)
- (E) LETTER VISIBLE = 1765 LBS (800 Kg)
- (F) BOOM ANGLE 450° = 500 LBS ( 225 Kg)

323071112\_A

# • PAYLOAD AT MAX. HEIGHT LB 500 8"



# • LOADS TAKEN FROM FRONT OF TIRES

MACHINE ON A FIRM LEVEL SURFACE WITH UNDAUNED,  
PROPERLY INFLATED TIRES.

TIRE SIZE: 375/75 R20

TIRE PRESSURE: 54 psi

TIRE PRESSURE - SOFT GROUND: 28 psi

NET WEIGHT = 5000 LBS (2250 kg)

(A) LETTER VISIBLE = 4410 LBS (2000 kg)

(B) LETTER VISIBLE = 3305 LBS (1500 kg)

(C) LETTER VISIBLE = 2755 LBS (1250 kg)

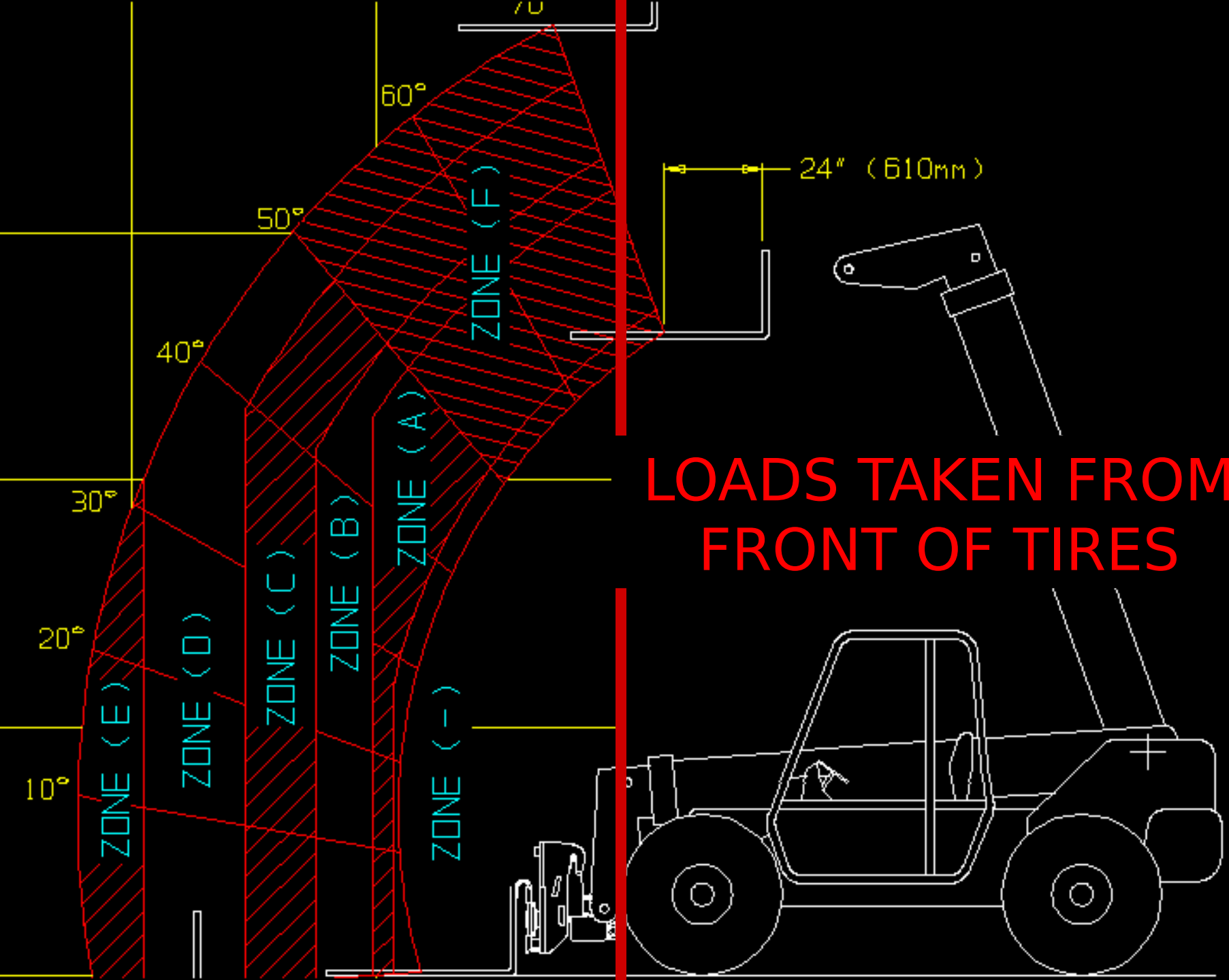
(D) LETTER VISIBLE = 2305 LBS (1000 kg)

(E) LETTER VISIBLE = 1765 LBS (800 kg)

(F) BOOM ANGLE 450° = 500 LBS (225 kg)

S/N





# ZONES

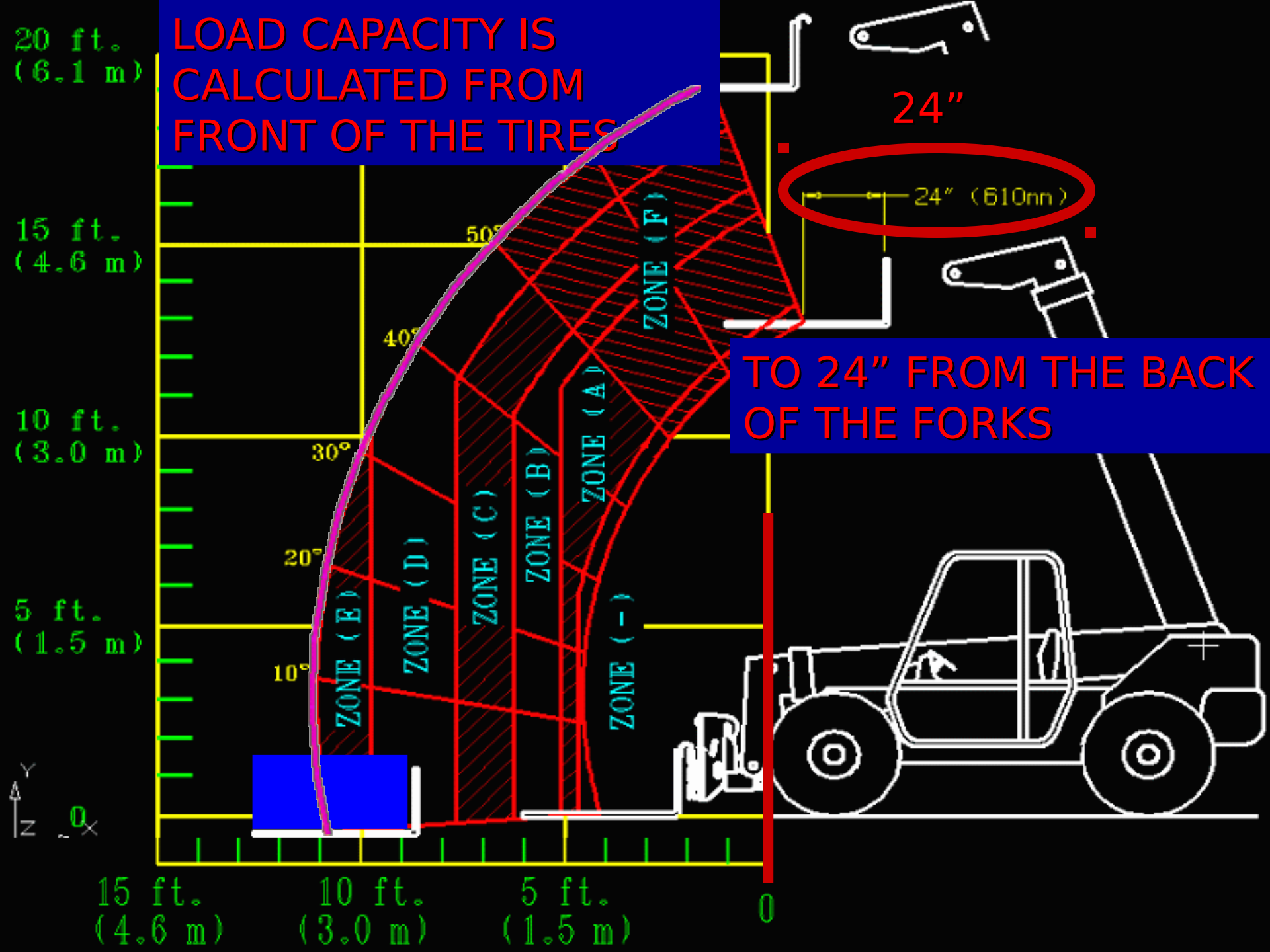


## LOAD LIMITS / HORIZONTAL BOOM LAST FULLY VISIBLE LETTER

(-)	RETRACTED	=	5070	LBS ( 2300 Kg )
(A)	LETTER VISIBLE	=	4410	LBS ( 2000 Kg )
(B)	LETTER VISIBLE	=	3305	LBS ( 1500 Kg )
(C)	LETTER VISIBLE	=	2755	LBS ( 1250 Kg )
(D)	LETTER VISIBLE	=	2205	LBS ( 1000 Kg )
(E)	LETTER VISIBLE	=	1765	LBS ( 800 Kg )
(F)	BOOM ANGLE +50°	=	500	LBS ( 225 Kg )



LOAD CAPACITY IS  
CALCULATED FROM  
FRONT OF THE TIRES



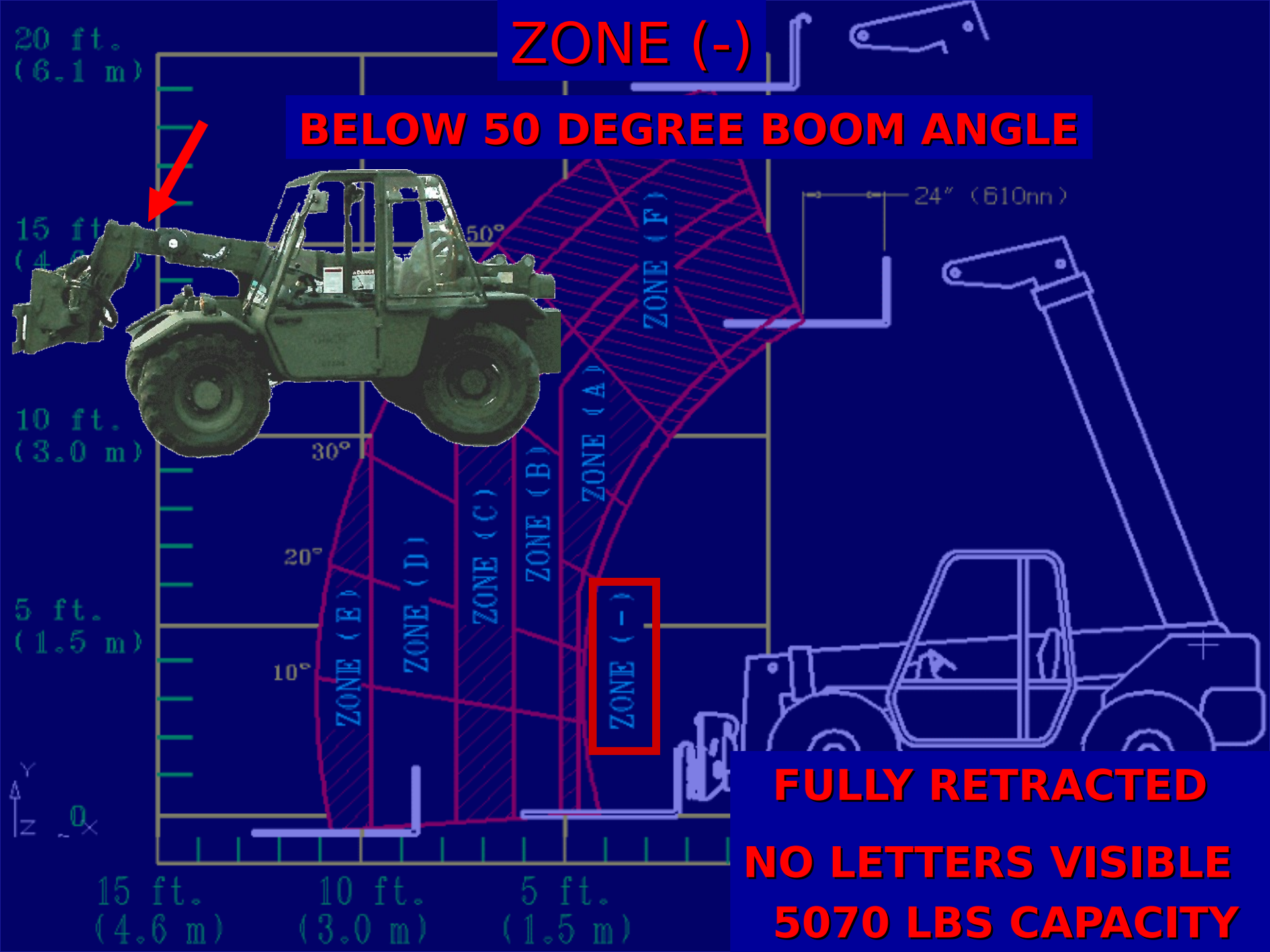
24"

24" (610mm)

TO 24" FROM THE BACK  
OF THE FORKS

**ZONE (-)**

**BELOW 50 DEGREE BOOM ANGLE**

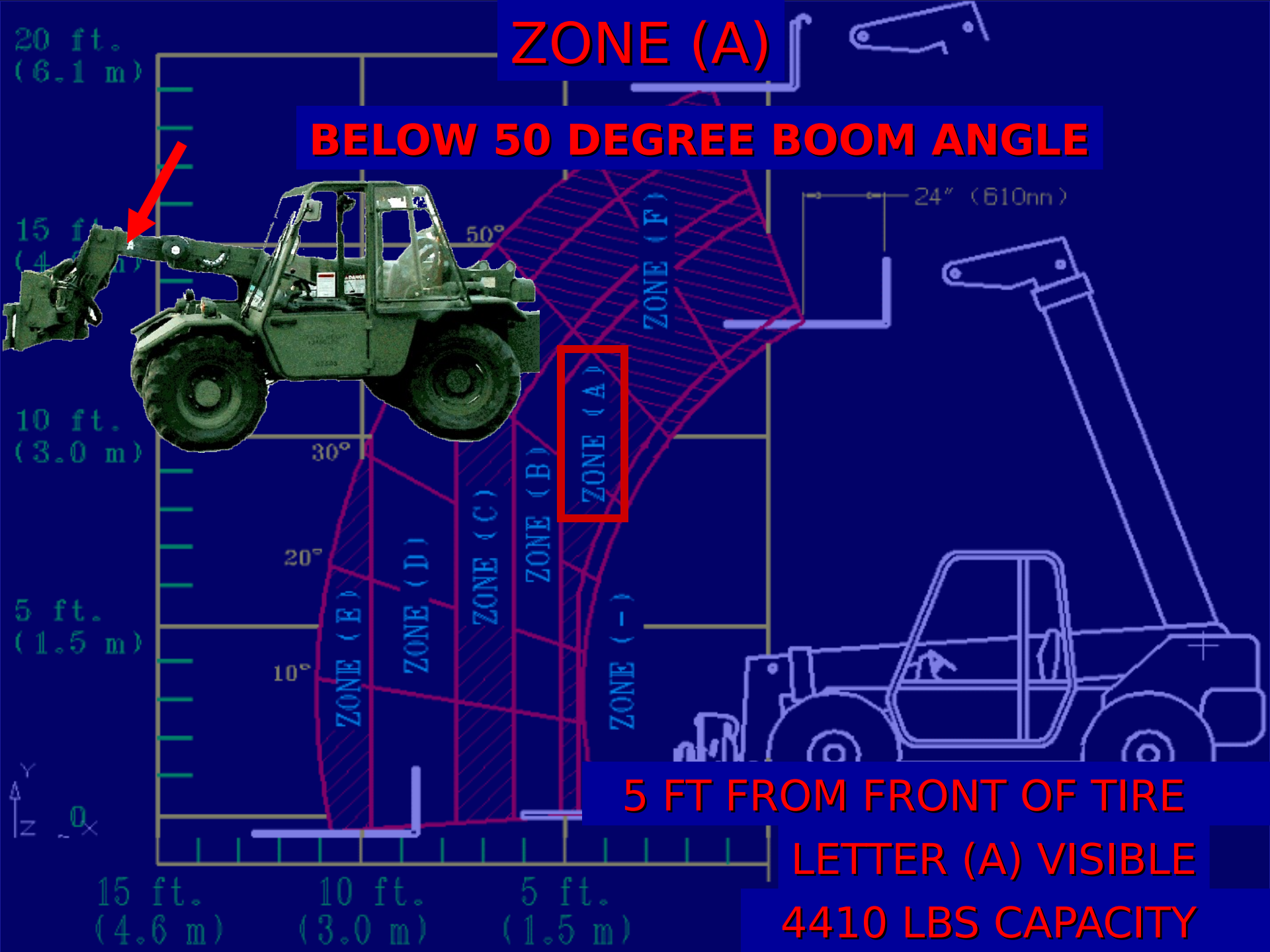


**FULLY RETRACTED**  
**NO LETTERS VISIBLE**  
**5070 LBS CAPACITY**



# ZONE (A)

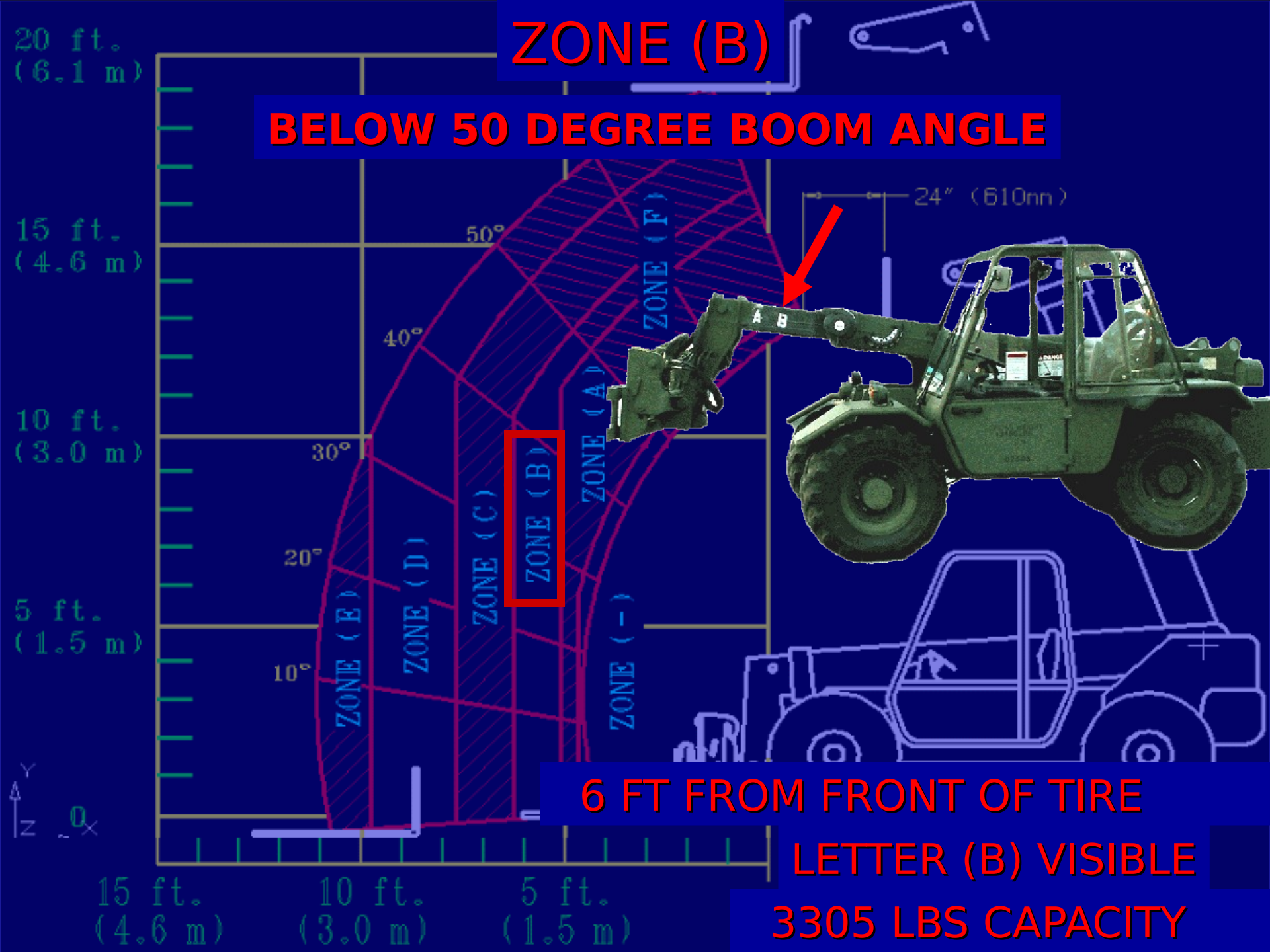
**BELOW 50 DEGREE BOOM ANGLE**



**5 FT FROM FRONT OF TIRE  
LETTER (A) VISIBLE  
4410 LBS CAPACITY**

# ZONE (B)

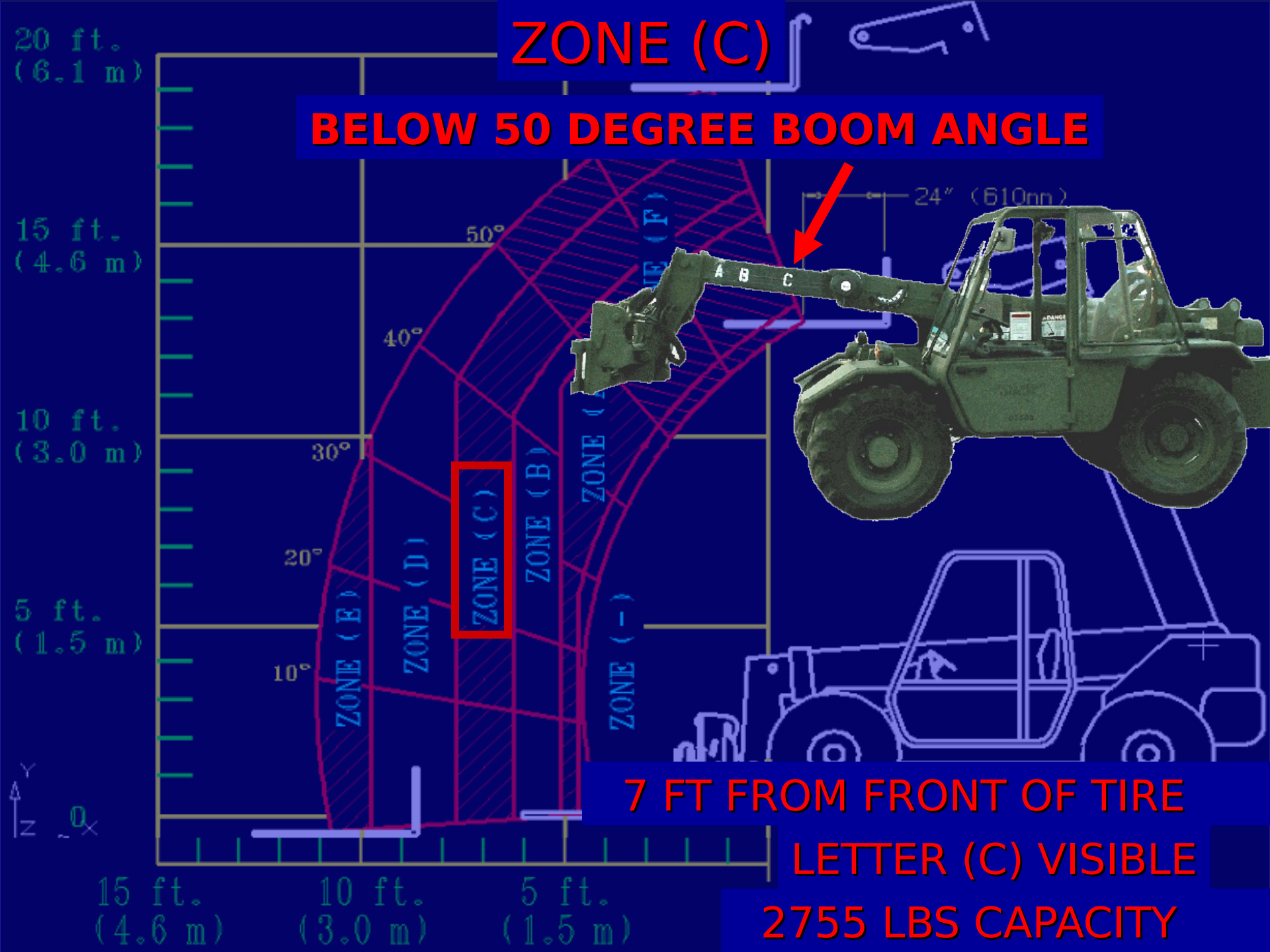
**BELOW 50 DEGREE BOOM ANGLE**





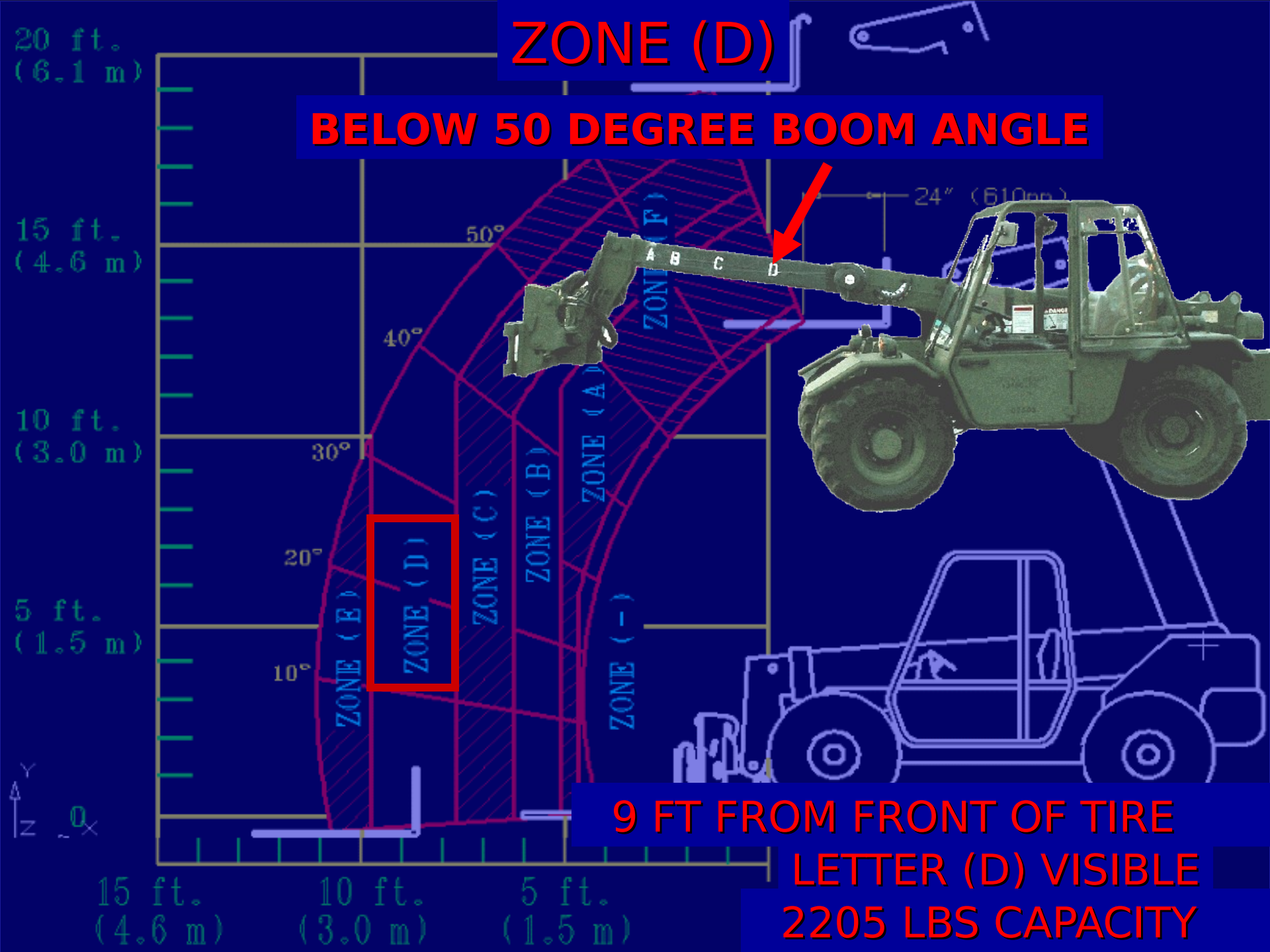
# ZONE (C)

**BELOW 50 DEGREE BOOM ANGLE**



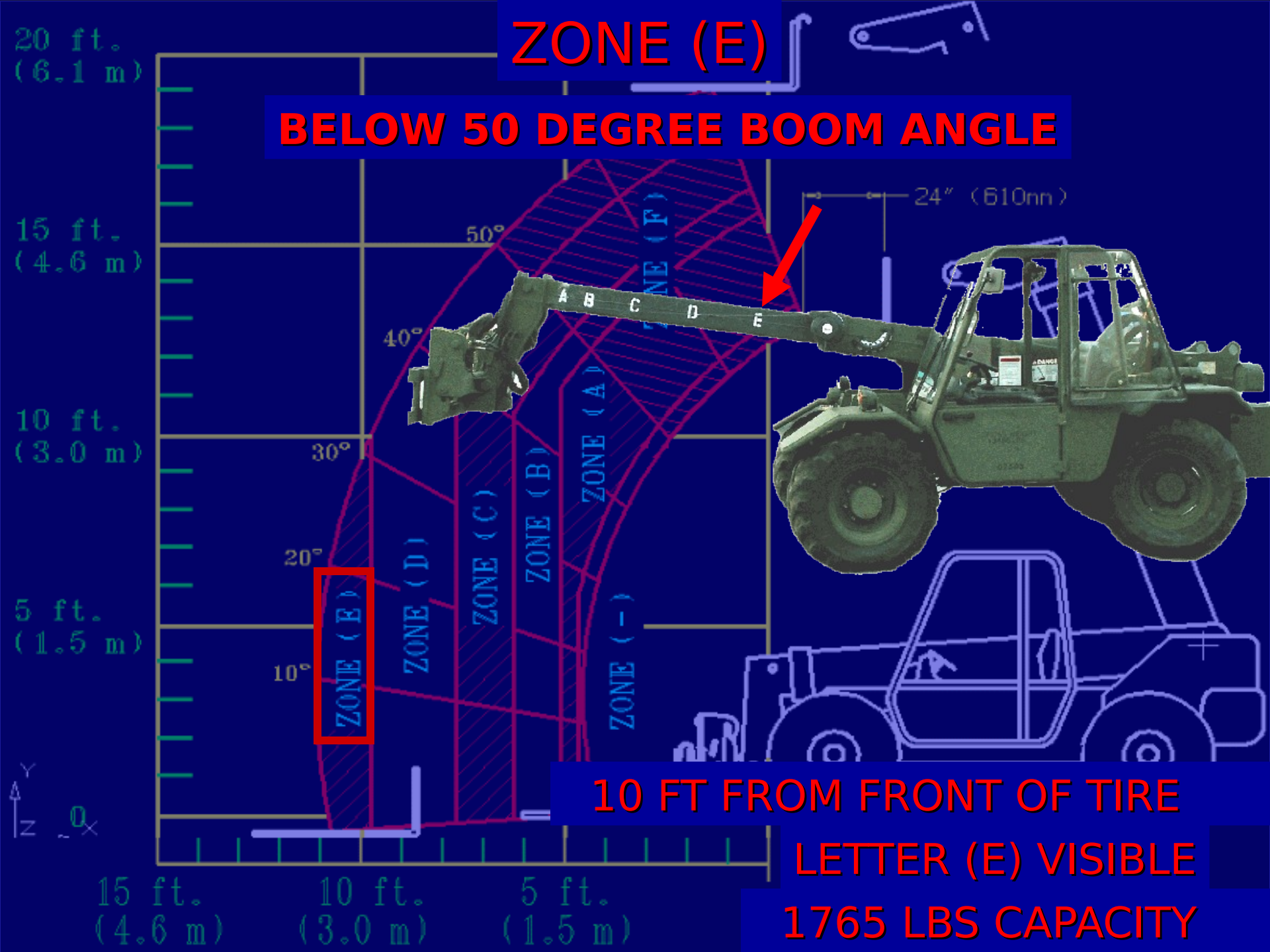
# ZONE (D)

**BELOW 50 DEGREE BOOM ANGLE**





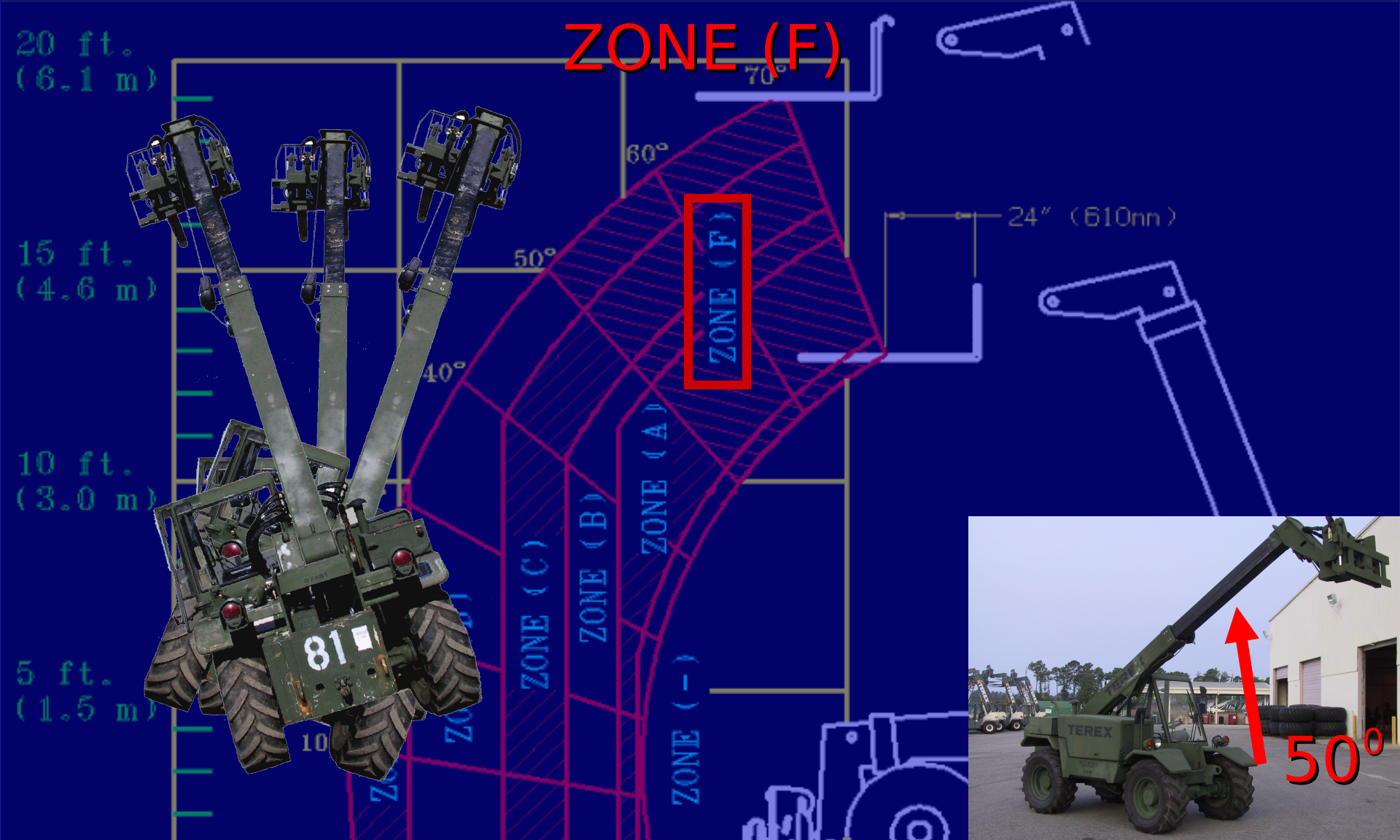
## BELOW 50 DEGREE BOOM ANGLE



10 FT FROM FRONT OF TIRE

LETTER (E) VISIBLE

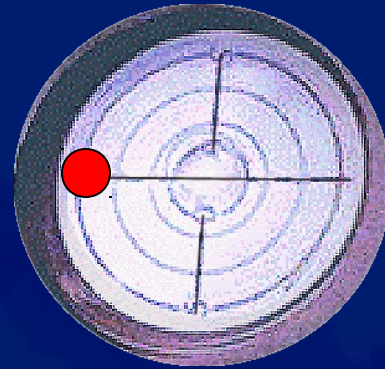
1765 LBS CAPACITY



**MORE THAN 50 DEGREE BOOM ANGLE**  
**500 LBS CAPACITY**

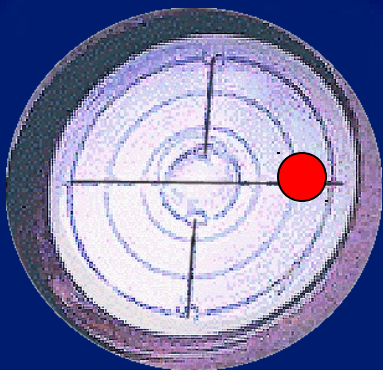


**MACHINE LEVEL**

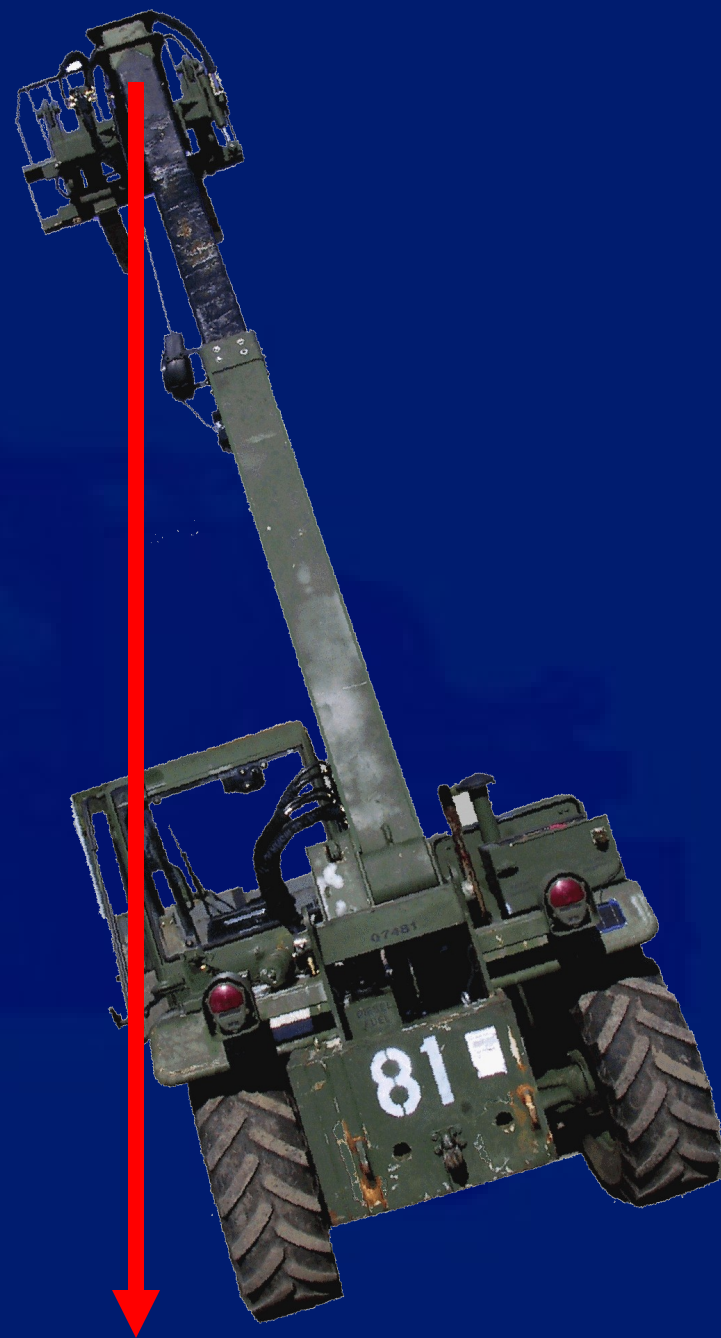


**DO NOT CARRY OR LIFT LOAD  
WITH MACHINE OUT OF LEVEL**

# MACHINE LEVEL



DO NOT CARRY OR LIFT LOAD  
WITH MACHINE OUT OF LEVEL





A faint, dark blue silhouette of a backhoe loader is visible in the background, positioned diagonally from the top left towards the bottom right. The text is centered over this image.

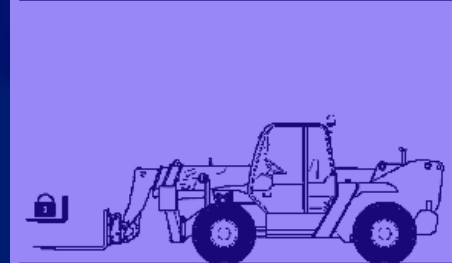
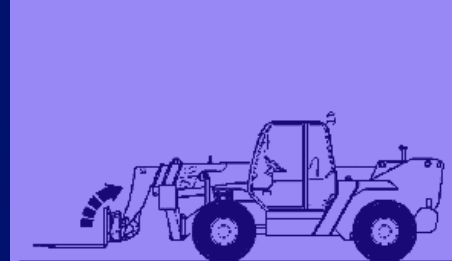
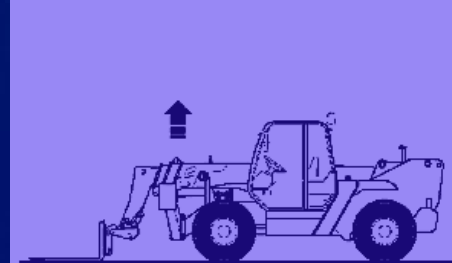
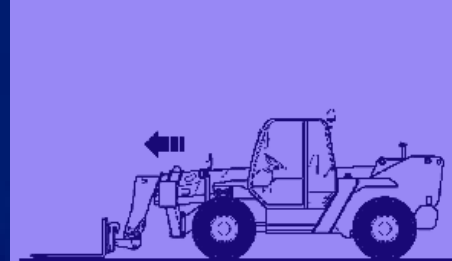
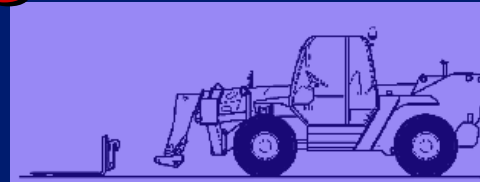
# CHANGING ATTACHMENTS

# TO CHANGE ATTACHMENTS

1. DRIVE TO LEVEL GROUND.

2. DISCONNECT THE QUICK DISCONNECT COUPLINGS OF ROTATE CYLINDER AND CONNECT TO ATTACHMENT LOCK / UNLOCK CYLINDER. DISCONNECT THE SIDESHIFT CYLINDER QUICK DISCONNECT COUPLINGS.

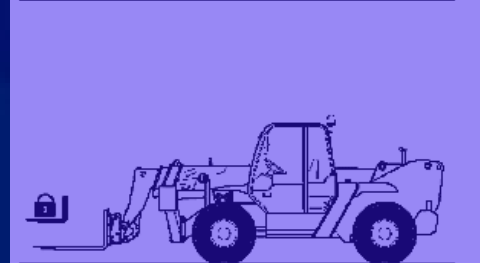
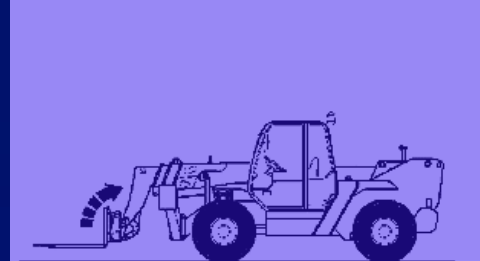
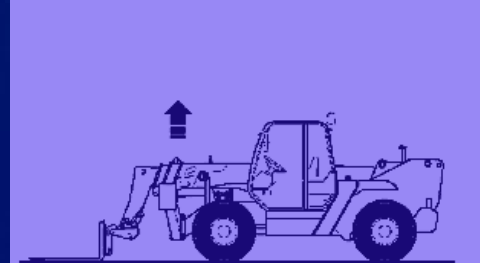
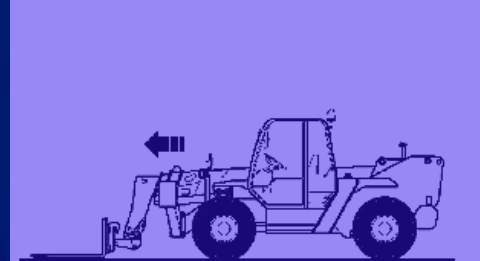
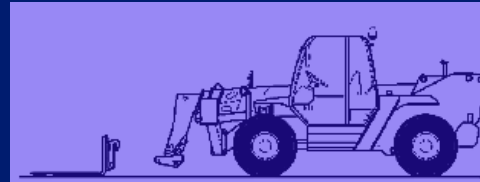
3. OPERATE JOYSTICK TO RETRACT THE ATTACHMENT LOCK/UNLOCK CYLINDER ENDS FROM THE FORK ATTACHMENT.





# TO CHANGE ATTACHMENTS

4. OPERATE JOYSTICK TO BOOM DOWN  
TO LOWER FORK ATTACHMENT  
TO GROUND.
5. OPERATE JOYSTICK TO TILT FORWARD  
AND LOWER THE BOOM TO RELEASE  
FORK ATTACHMENT.
6. MOVE MACHINE BACKWARDS











1. ATTACH A TOW BAR FROM THE TOWING VEHICLE TO THE TOWING LUGS ON REAR OF MACHINE.

2. TOW THE MACHINE AT A LOW SPEED ONLY.  
MAXIMUM SPEED 20 MPH.

3. SELECT THE TWO-WHEEL STEER.

4. DISCONNECT THE HYDRAULIC MOTOR FROM THE  
THE AXLE.

5. MOVE SPEED SELECTION LEVER TO NEUTRAL  
AND RELEASE PARK BRAKE.

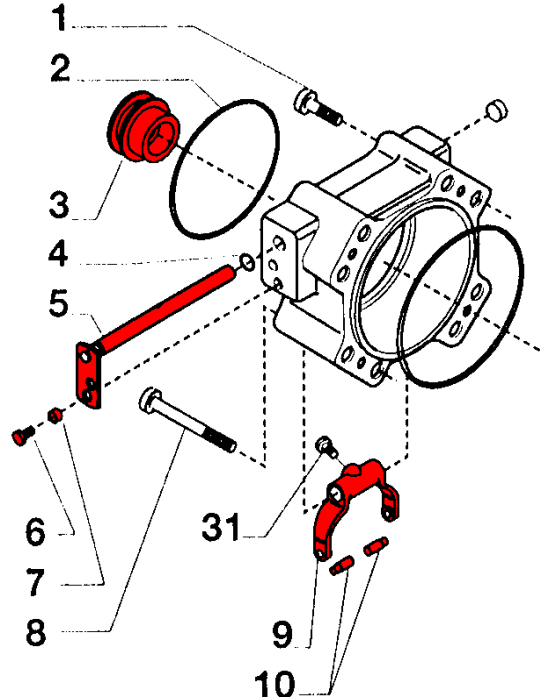


**HYDRAULIC  
MOTOR**

**PARK  
BRAKE**

**FRONT  
AXLE**


**HYDRAULIC  
MOTOR  
DISCONNECT**






**BEFORE TOWING IT IS IMPORTANT TO DISCONNECT  
THE HYDRAULIC DRIVE MOTOR FROM THE AXLE**

- 
- The image shows a green metal plate with three circular holes. A bolt is currently installed in the bottom hole. The plate is oriented vertically, connecting the motor to the front axle.
- REMOVE BOLT
  - MOVE PLATE REARWARD
  - INSTALL BOLT IN UPPER HOLE



HYDRAULIC  
MOTOR CONNECTED  
TO FRONT AXLE  
(PLATE VERTICAL)



The image shows the same green metal plate, but now it is angled rearward. The bolt has been moved to the top hole, disconnecting the motor from the front axle.

HYDRAULIC  
MOTOR  
DISCONNECTED  
(PLATE ANGLED)

**FAILURE TO DISCONNECT HYDRAULIC MOTOR FOR TOWING  
WILL DAMAGE THE HYDRAULIC TRANSMISSION SYSTEM**

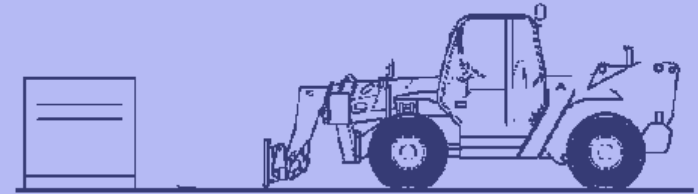




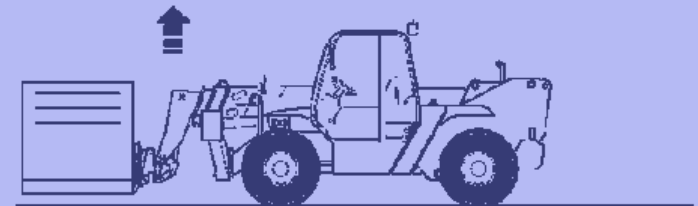
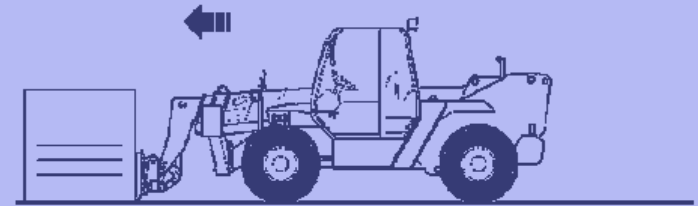
# EMPLOYMENT T

# LOADING PHASE

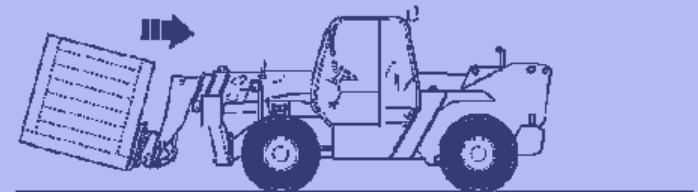
**1. APPROACH THE LOAD SQUARE.**



**2. INSERT THE FORKS UNDER THE LOAD AND RAISE LOAD A FEW INCHES TO CHECK STABILITY SIDE TO SIDE. MAKE SURE LOAD IS AGAINST FORK CARRIAGE.**



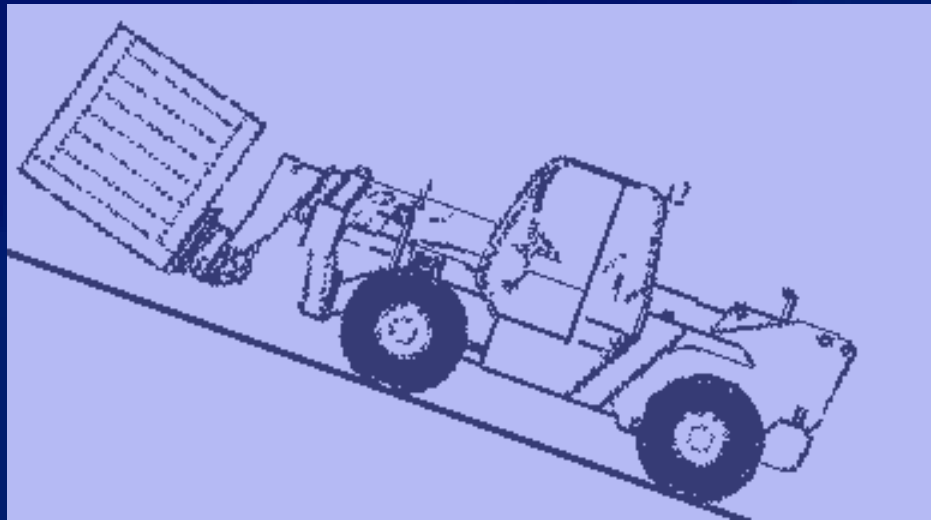
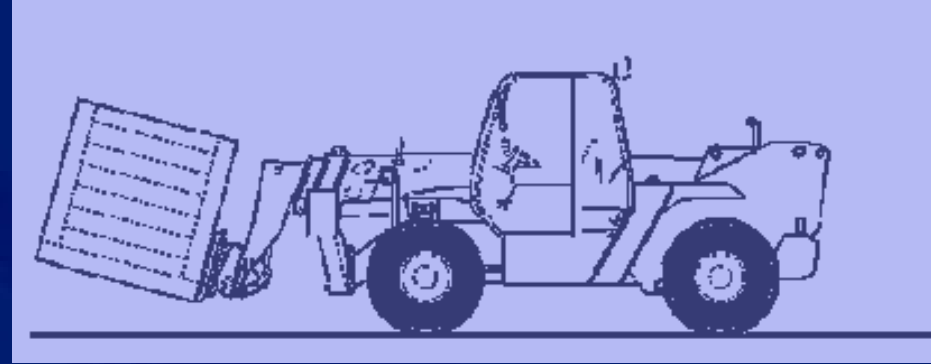
**3. TILT FORKS BACK AND MAKE SURE THAT THE OVERLOAD WARNING SYSTEM LED'S ARE OK.**





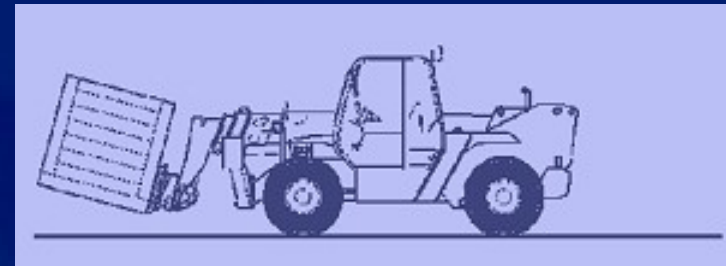
# TRANSFER PHASE

1. DO NOT START OR BRAKE QUICKLY
2. KEEP LOAD AS FAR DOWN AS POSSIBLE (APPROX 12"-18")
3. KEEP SPEED TO CONDITION OF THE TERRAIN
4. TRAVEL STRAIGHT FORWARD UP HILL DO NOT TRAVERSE, TRAVEL IN REVERSE DOWN HILL LOADED
5. HAUL BULKY LOADS IN REVERSE.



## UNLOADING PHASE

1. DRIVE TO UNLOADING POINT & SMOOTHLY STOP THE MACHINE LEAVING ENOUGH SPACE TO OPERATE THE BOOM.



2. APPLY THE SERVICE BRAKE & MOVE THE DRIVE SELECTOR TO NEUTRAL POSITION.

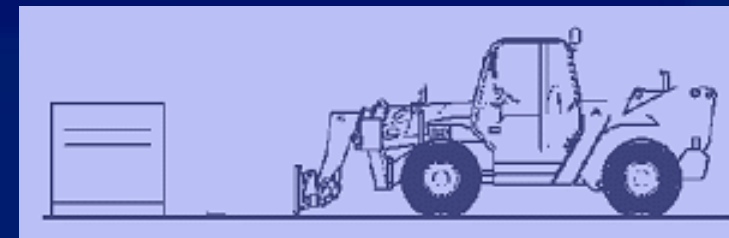
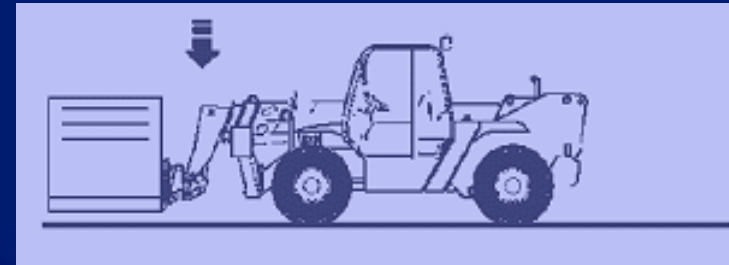


3. POSITION THE LOAD A FEW INCHES ABOVE THE DESIRED POSITION AND SET THE FORKS LEVEL.



## UNLOADING PHASE

4. LOWER THE LOAD AND MAKE SURE IT IS LEVEL.
5. CAREFULLY WITHDRAW THE FORKS BY RETRACTING THE BOOM. ACCORDING TO THE LOAD HEIGHTS, YOU MAY HAVE TO RAISE OR LOWER THE BOOM AS THE FORKS COME OUT.
6. WHEN FORKS ARE CLEAR OF THE LOAD, RESET THEM TO TRANSFER POSITION.



A faint, light blue silhouette of a forklift is visible in the background of the slide. It is positioned centrally, facing right, and its form is semi-transparent, allowing the blue background to show through.

- ***NEVER*** exceed the rated capacities of the forklift.

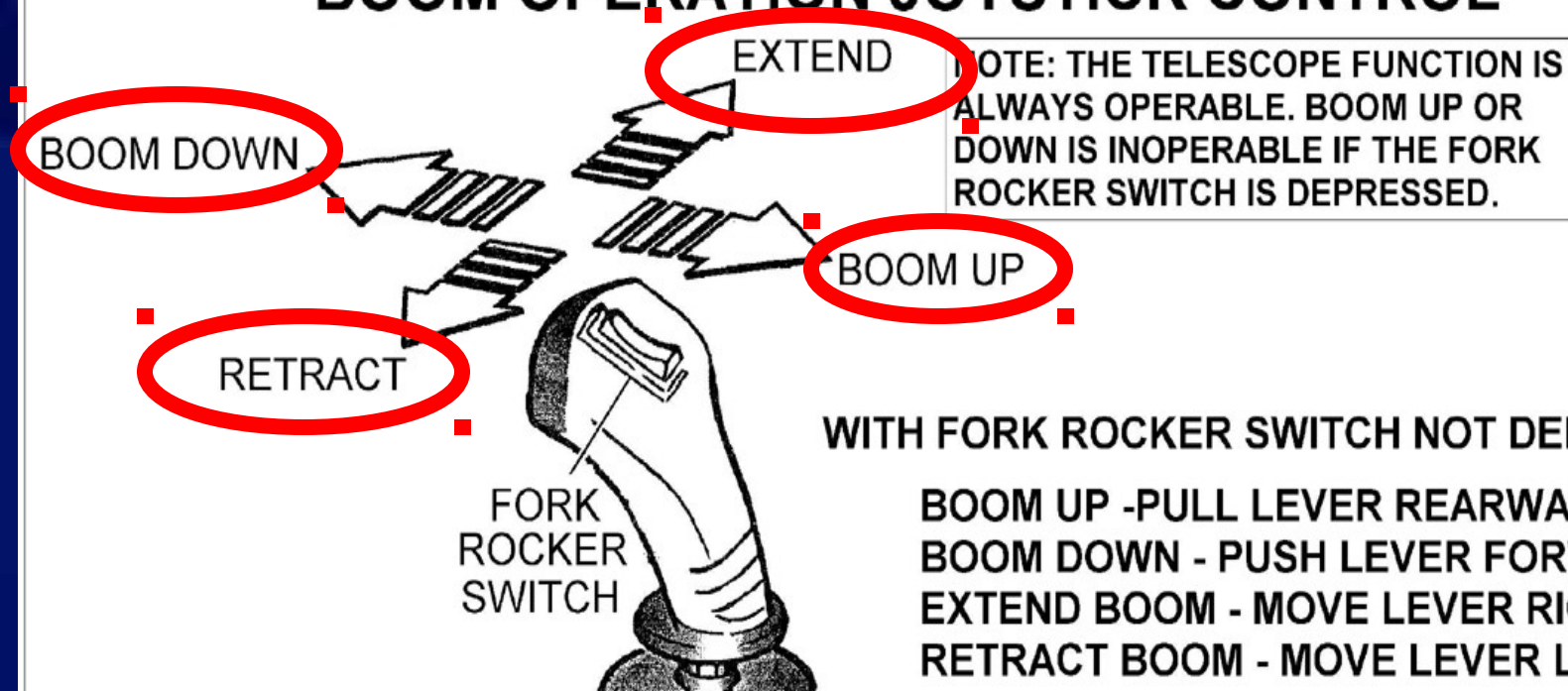
- ***NEVER*** add extra counterweight.

- ***NEVER*** add fork extensions.



# OPERATING THE CONTROL LEVER

## BOOM OPERATION JOYSTICK CONTROL



WITH FORK ROCKER SWITCH NOT DEPRESSED

BOOM UP - PULL LEVER REARWARD  
BOOM DOWN - PUSH LEVER FORWARD  
EXTEND BOOM - MOVE LEVER RIGHT  
RETRACT BOOM - MOVE LEVER LEFT

**JOYSTICK CONTROL LEVER**

**BOOM EXT**

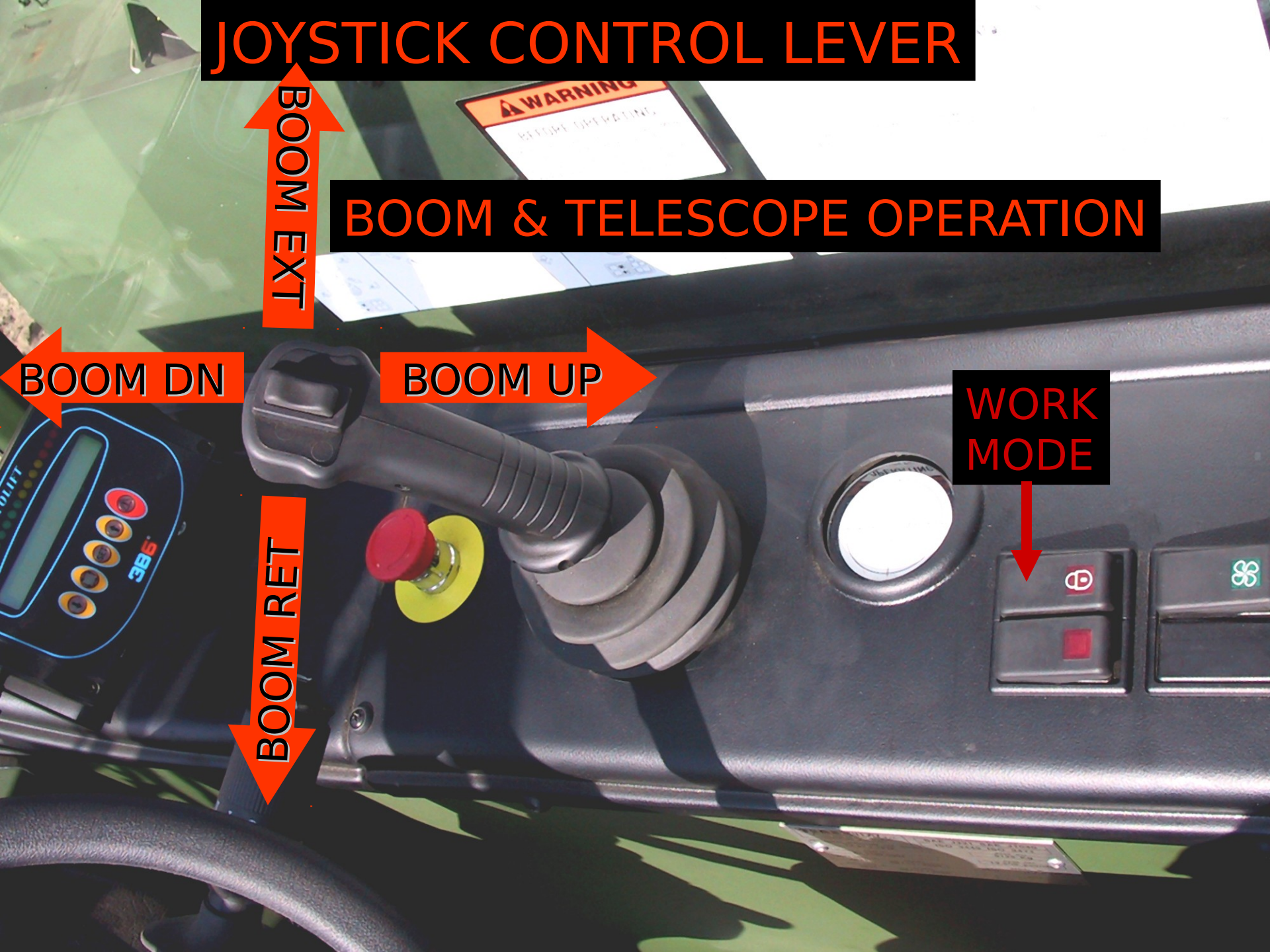
**BOOM & TELESCOPE OPERATION**

**BOOM DN**

**BOOM UP**

**BOOM RET**

**WORK  
MODE**





# FORK TILT OPERATION

TILT FORWARD



TILT REARWARD

DEPRESS  
FOR FORK  
OPERATION



DEPRESS TOP OF ROCKER SWITCH

# JOYSTICK CONTROL LEVER FORK TILT OPERATION

FORK TILT

TILT FORWD

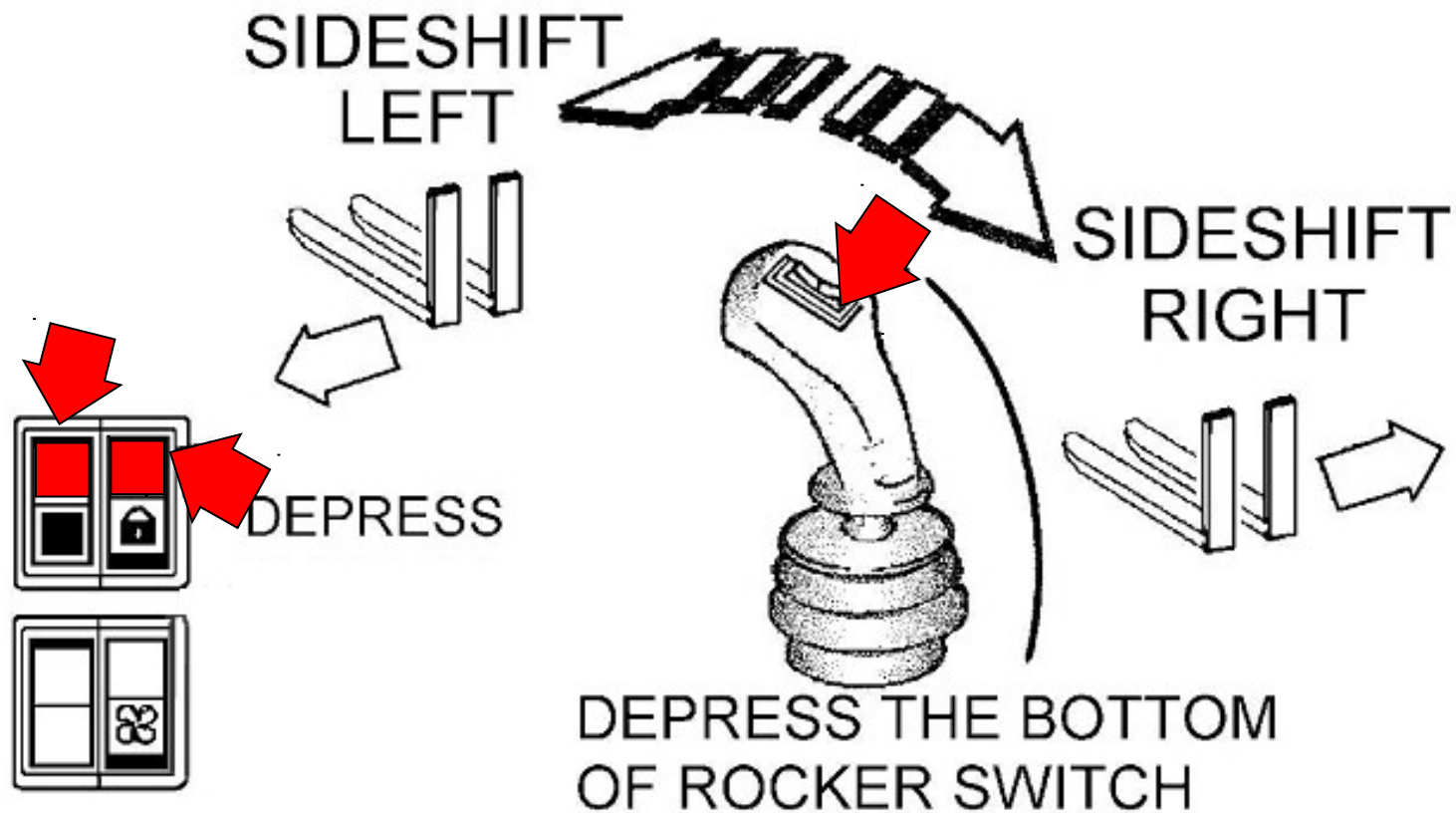
TILT REAR

WORK  
MODE

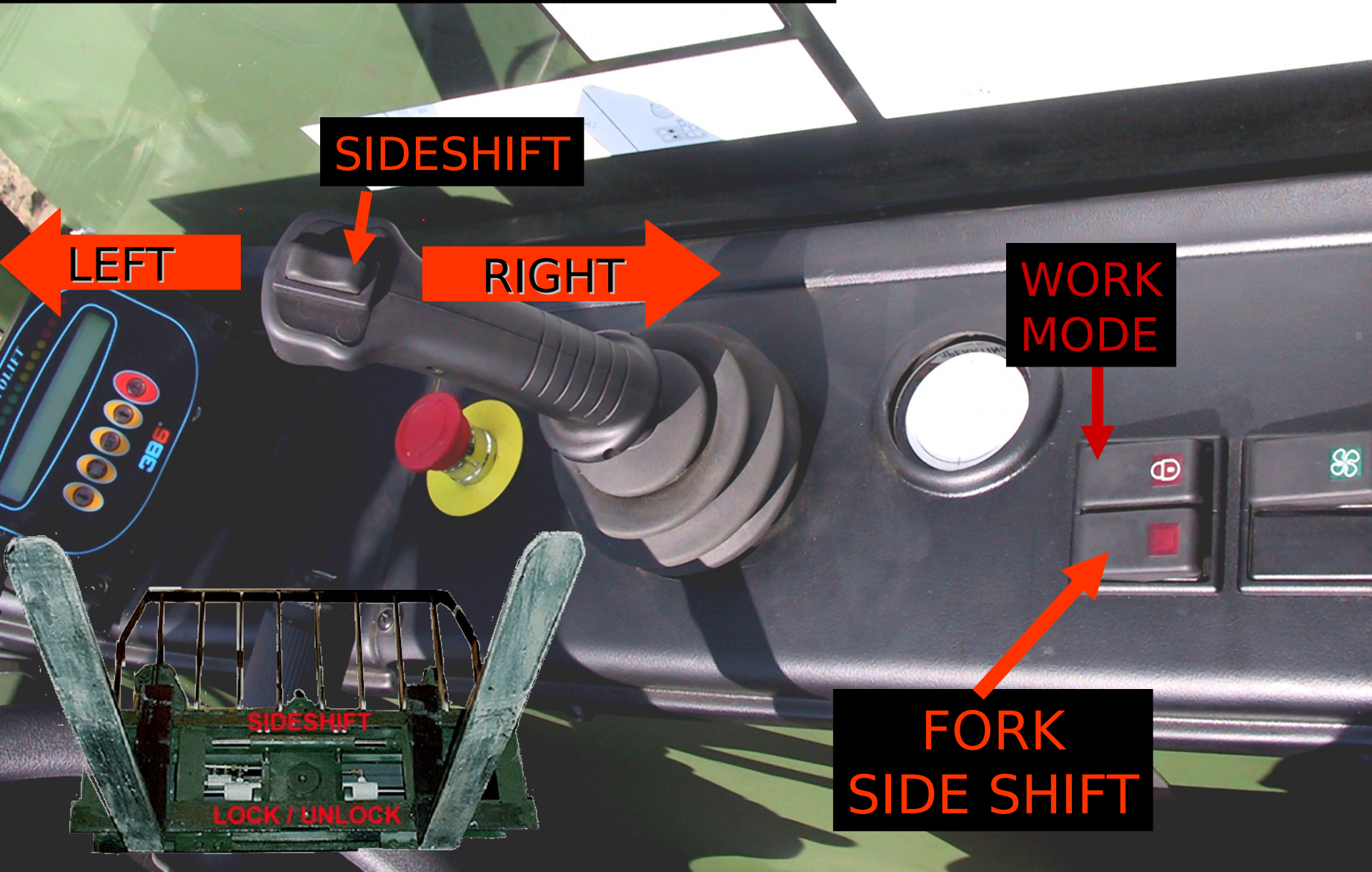
ALWAYS MOVE THE JOYSTICK BACK TO  
NEUTRAL BEFORE RELEASING SWITCH



# FORK SIDESHIFT OPERATION

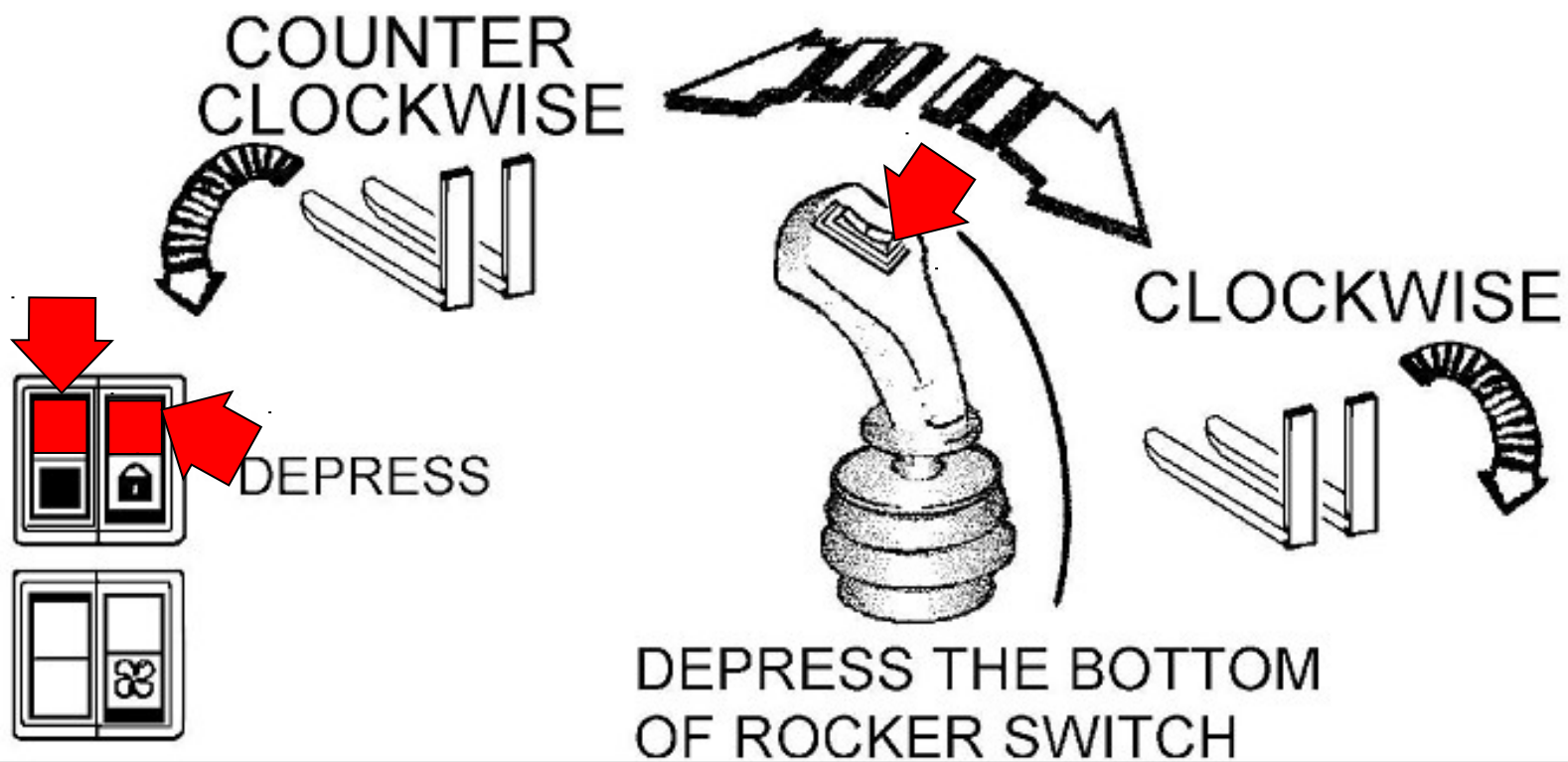


# JOYSTICK CONTROL LEVER SIDESHIFT OPERATION

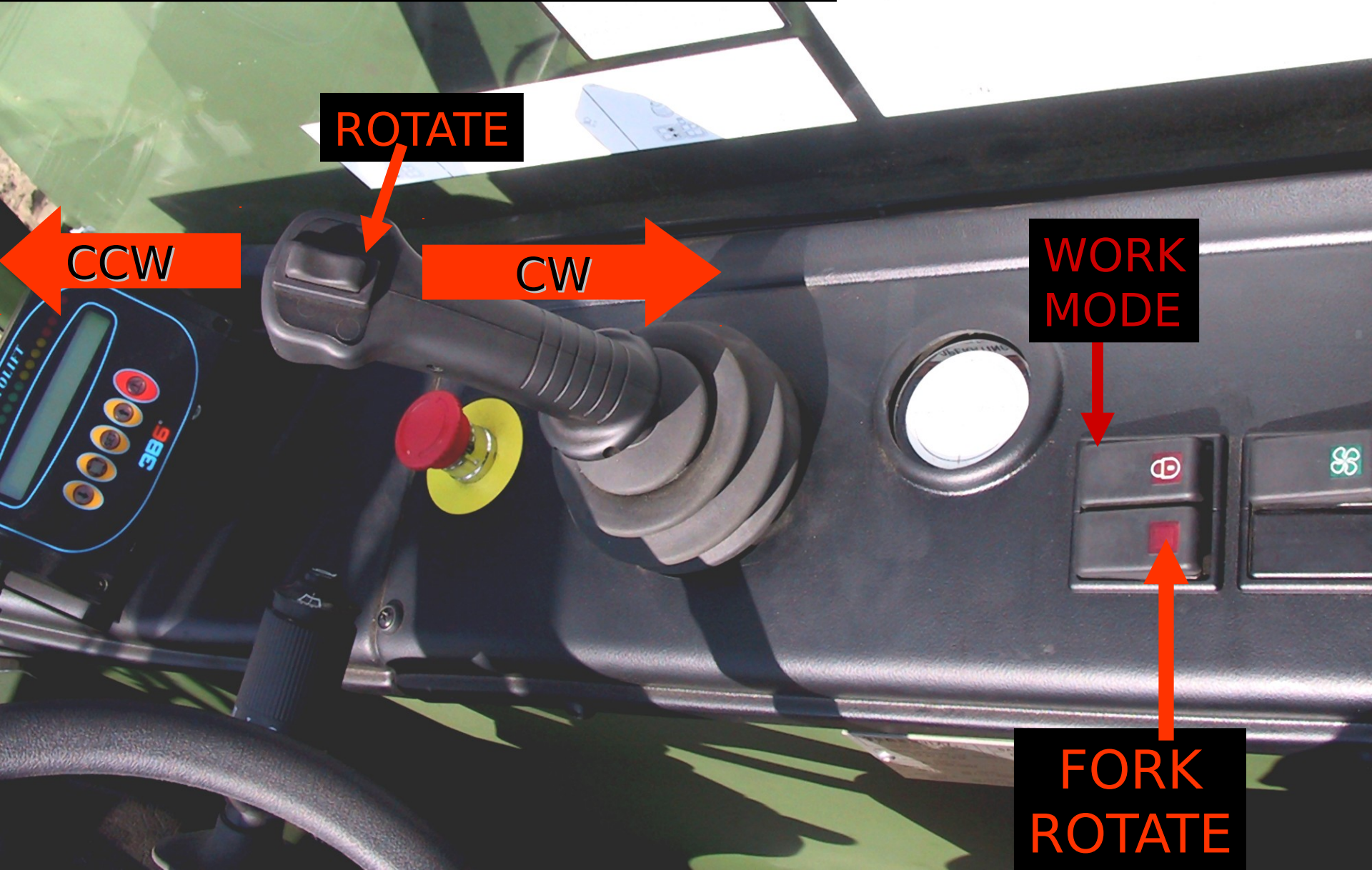




# FORK ROTATE OPERATION



# JOYSTICK CONTROL LEVER FORK ROTATE OPERATION



ROTATE

CCW

CW

WORK  
MODE

FORK  
ROTATE

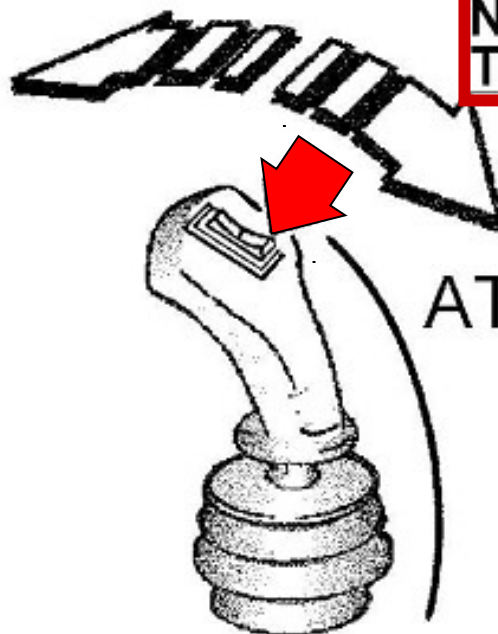
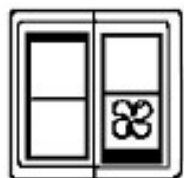


# ATTACHMENT LOCK / UNLOCK

UNLOCK  
ATTACHMENT



DEPRESS



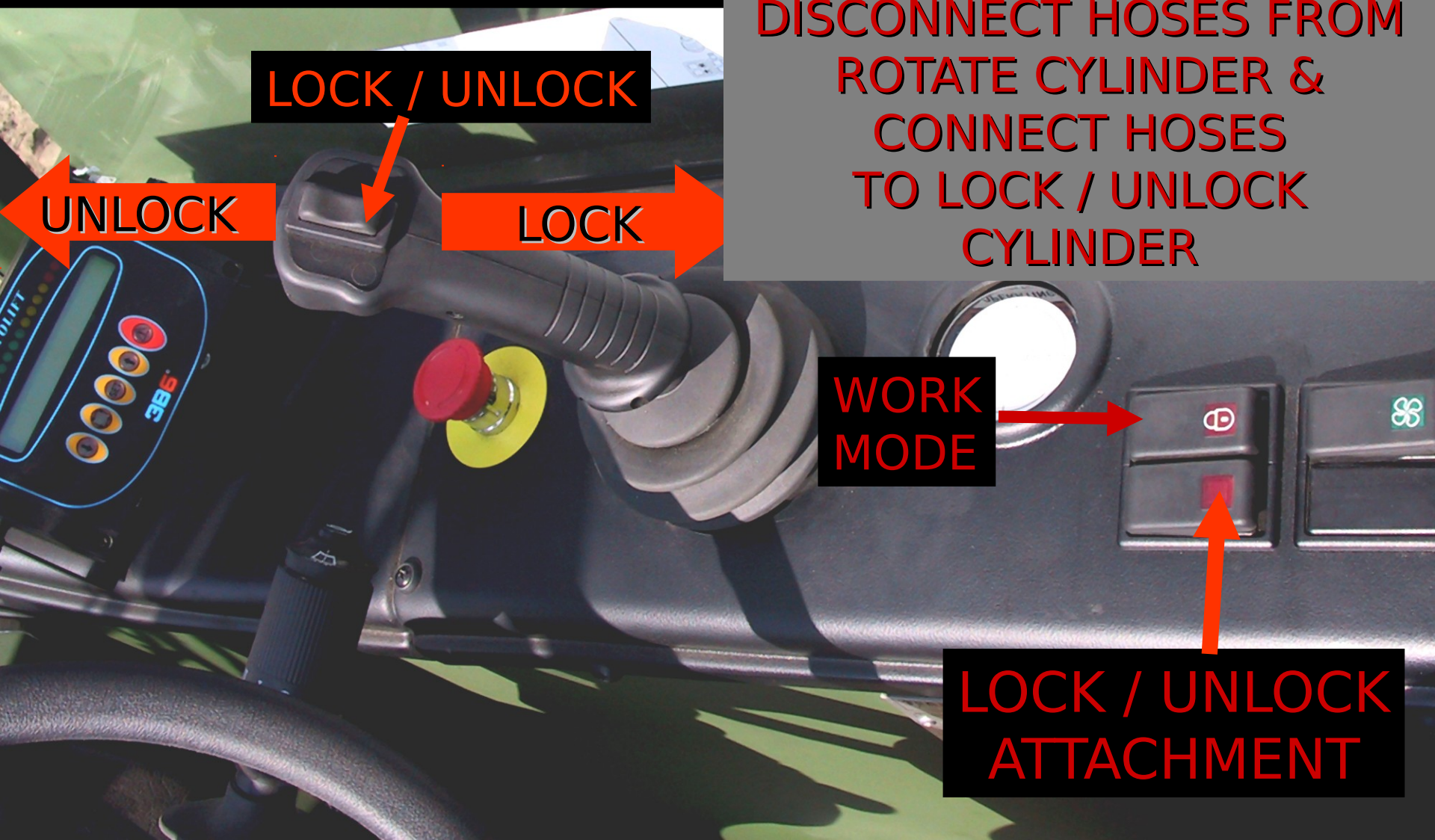
DEPRESS THE BOTTOM  
OF ROCKER SWITCH

NOTE: HOSES HAVE  
TO BE CONNECTED

LOCK  
ATTACHMENT



# JOYSTICK CONTROL LEVER ATTACHMENT LOCK / UNLOCK OPERATION



LOCK / UNLOCK

UNLOCK

LOCK

DISCONNECT HOSES FROM  
ROTATE CYLINDER &  
CONNECT HOSES  
TO LOCK / UNLOCK  
CYLINDER

WORK  
MODE

LOCK / UNLOCK  
ATTACHMENT



**QUESTIONS??**

**??**